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Product Catalog

Quality Focused, Customer Driven



ATP

**ADVANCED
TECHNOLOGY
PRODUCTS**

ISO 9001:2015

Limited Warranty

Advanced Technology Products expressly excludes all warranties, guarantees and representations; expressed or implied, including but not limited to warranties of merchantability, material, workmanship, design and suitability for a specified or intended purpose.

Products shall be free of defects in material and workmanship for a period of one (1) year after shipment.

If the product purchased is defective in any way during the one (1) year period, please contact ATP for an RGA number to return the product. No unauthorized returns will be accepted. Ship product prepaid to ATP for a full evaluation. If the product is found to be defective, ATP will repair or replace the product at no charge (return shipping included) to the customer at ATP's sole discretion.

Pricing and Other Details

Advanced Technology Products maintains and continually updates both pricing and technical details through various publications. In some instances, there may be information that does not match. When this situation occurs, the ATP website will take precedence over all other published material or discretion will be left to ATP.

Technical Drawings and Supporting Documentation

Advanced Technology Products maintains a collection of drawings, MSDS sheets, and other documentation that is available for use by customers. This information may not be available on the ATP website. A reasonable attempt will be made to furnish supporting documentation.

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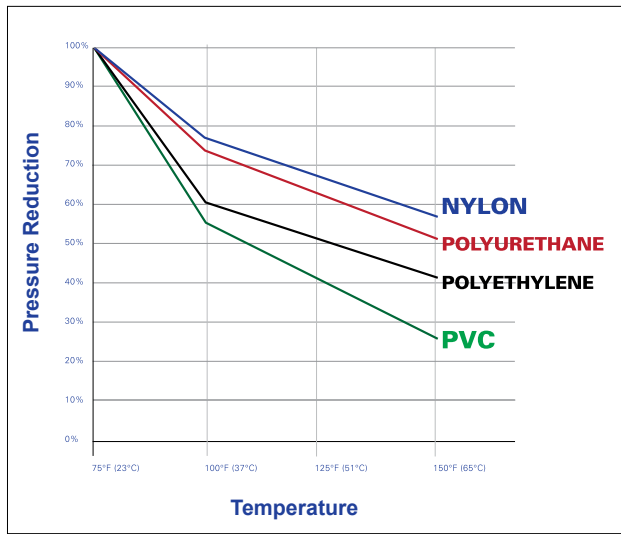
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Tubing & Hose



General Tubing Information

Working Pressure Reduction at Elevated Temperature



Fittings Use by Tubing Style

To ensure a long lasting and leak free connection, the proper fitting selection is imperative.

Tubing Style	TechniFit™/Fluidfit (Push-To-Connect)	Barb-Type	Compression
Surethane®	✓	✓	✓
Surethane UV™	✓	✓	✓
Nylochem®	✓	✗	✓
Value-Tube™	✓	✓	✓
Vinyl-Flex™	✗	✓	✗
Mercury™	✓	✓	✓
Venus™	✓	✓	✓
Armor-Weld™	✓	✓	✓
Technibond®	✓	✓	✓
Dura-Pure®	✗	✓	✗

Tubing Certifications

Certifications and compliance are important in many markets to ensure that products are safe for use in critical applications such as food and beverage.

Tubing Style	Material	NSF 51®	NSF 61®	ASTM-D3295	EN-71	FDA Compliant	PAHS	REACH Prop 65	RoHS	UL 94 HB	UL 94 VO	USP Class VI
Surethane®	(PU) Polyurethane	✓	Meets Requirements	✗	✗	✓	✗	✓	✓	Meets Requirements	✗	✗
Surethane UV™	(PU) Polyurethane	✗	✗	✗	✗	✗	✗	✓	✓	Meets Requirements	✗	✗
Nylochem®	Polyamide 12 (Nylon 12)	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗
Value-Tube™	LLDPE	Meets Requirements	✓	✗	✗	✓	✗	✓	✓	✗	✗	✗
Vinyl-Flex™	PVC	Meets Requirements	✓	✗	✗	✓	✗	✓	✓	✗	✗	✓
Mercury™	PTFE	✗	✗	✓	✗	✓	✗	✓	✓	✗	✓	✓
Venus™	FEP	✗	✗	✓	✗	✓	✗	✓	✓	✗	✓	✓
Armor-Weld™	(PU) Polyurethane	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✗
Technibond®	(PU) Polyurethane	✓	✓	✗	✗	✓	✗	✓	✓	✓	✓	✗
Dura-Pure®	Reinforced PVC	Meets Requirements	✓	✗	✓	✓	✓	✓	✓	✗	✗	✓

NSF 51®: Requirements for materials used in manufacturing of commercial food service equipment and components
NSF 61®: Requirements for water treatment and distribution products, drinking water.
ASTM-D3295: Standard for the manufacture of PTFE tubing
FDA Compliant: Standard set by Food and Drug Administration for use with Plastics
PAHS: Absence of Polycyclic Aromatic Hydrocarbons in its composition.
REACH/Prop 65: European/California Standard where a listing of prohibited chemicals is provided.
RoHS: Standards set forth, where a list of chemicals cannot exceed a specified concentration.
UL 94 HB: Standards set slow burning on a horizontal specimen; burning rate < 76 mm/min for thickness < 3 mm or burning stops before 100 mm
UL 94 VO: Standard set by Underwriter Laboratories that specifies burn rates, flammability, and self-extinguishing.
USP Class VI: Tests performed by United States Pharmacopeia to test the biocompatibility/toxicity of materials.

Tubing & Hose



98A Polyurethane Tubing

Surethane® Polyurethane Tubing is extruded by ATP from ether-based resin, providing excellent resistance to hydrolysis and oil. Surethane's 98A durometer construction provides abrasion-resistance and memory support.

- NSF 51® Certified for Direct Contact with Food Components and Equipment
- Superior Kink-Resistance
- Excellent Flexibility Over a Broad Temperature Range
- Abrasion Resistant
- Largest Size and Color Range in ATP's Offering
- Resists Moisture Absorption
- Optional UV-Resistance

PU 18 A BK

Specifications	
Temperature Range	-40°F to 150°F
Vacuum Rating	28" HG
Tolerance (1/8" to 1/2")	+/- .005"
Tolerance (9/16" to 3/4")	+/- .006"
Hardness	Shore 98A
Safety Factor	3:1
Material	PU (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
NSF 51® Certified
Meets NSF 61® Requirements
FDA Compliant
REACH Prop 65
ROHS Certified
Meets UL94HB Requirements

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fittings
Hose Barb (Page 129)

Material		Outside Diameter		Package Lengths		Color Code	
PU	98A PU	18	1/8"	A	100' Roll	BK	Black
		04M/532	4mm / 5/32"	B	250' Spool	C	Clear
		316	3/16"	C	500' Spool	CB	Clear Blue
		14	1/4"	D	1,000' Spool	G	Green
		08M/516	8mm / 5/16"	F	100m Spool	LB	Light Blue
		38	3/8"			NB	Navy Blue
		12	1/2"			R	Red
		916	9/16"			W	White
		34	3/4"			Y	Yellow
		06M	6mm				
		10M	10mm				
		12M	12mm				
		16M	16mm				



Tubing & Hose



Fractional & Metric Sizes

Part Number (Add Color)	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
PU18A_	0.125" (1/8")	0.062" (1/16")	100'	0.031"	0.200"	240 psi
PU18C_			500'			
PU18D_			1,000'			
PU316A_	0.187" (3/16")	0.125" (1/8")	100'	0.031"	0.339"	150 psi
PU316C_			500'			
PU316D_			1000'			
PU14A_	0.250" (1/4")	0.156" (5/32")	100'	0.047"	0.476"	180 psi
PU14C_			500'			
PU14D_			1000'			
PU38A_	0.375" (3/8")	0.250" (1/4")	100'	0.063"	1.000"	150 psi
PU38C_			500'			
PU38D_			1000'			
PU12A_	0.500" (1/2")	0.328" (21/64")	100'	0.086"	1.102"	150 psi
PU12B_			250'			
PU12C_			500'			
PU916A_	0.562" (9/16")	0.375" (3/8")	100'	0.093"	1.375"	140 psi
PU34A_	0.750" (3/4")	0.500" (1/2")	100'	0.125"	1.500"	140 psi
PU34B_			250'			
PU04M/532A_	0.156" (5/32") 4mm	0.093" (3/32") 2.4mm	100'	0.031" 0.78mm	0.250" 6.35mm	200 psi (13,7 Bar)
PU04M/532C_			500'			
PU04M/532D_			1000'			
PU04M/532F_			100m			
PU06MA_	6mm	4mm	100'	1.00mm	12.00mm	180 psi (12,4 Bar)
PU06MC_			500'			
PU06MD_			1000'			
PU06MF_			100m			
PU08M/516A_	0.313" (5/16") 8mm	0.187" (3/16") 5mm	100'	0.063" 1.60mm	0.594 15.00mm	175 psi (12 Bar)
PU08M/516C_			500'			
PU08M/516D_			1000'			
PU08M/516F_			100m			
PU10MA_	10mm	6.5mm	100'	1.75mm	25.00mm	150 psi (10,3 Bar)
PU10MC_			500'			
PU10MF_			100m			
PU12MA_	12mm	8mm	100'	2.00mm	28.00mm	150 psi (10,3 Bar)
PU12MC_			500'			
PU12MF_			100m			
PU16MA_	16mm	11mm	100'	2.50mm	30.00mm	150 psi (10,3 Bar)
PU16MF_			100m			

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Tubing & Hose

SURETHANE UV POLYURETHANE



UV Stabilized Polyurethane Tubing

Surethane UV™ Polyurethane Tubing is extruded from ether-based UV-resistant resin. Not only does this tubing offer excellent resistance to hydrolysis and oil, but it offers increased resistance to UV rays from sunlight.

- Stabilized Against Harmful UV Rays
- Ideal for Applications with Exposure to Natural Sunlight
- Superior Kink-Resistance
- Excellent Flexibility Over a Broad Temperature Range
- Abrasion Resistant
- Resists Moisture Absorption

PUV 14 A BK

Material		Outside Diameter		Package Lengths		Color Code	
PUV	Surethane UV™	14	1/4"	A	100' Roll	BK	Black
		38	3/8"	C	500' Spool		
		12	1/2"				

Specifications	
Temperature Range	-40°F to 150°F
Vacuum Rating	28" HG
Tolerance (1/8" to 1/2")	+/- .005"
Tolerance (9/16" to 3/4")	+/- .006"
Hardness	Shore 98A
Safety Factor	3:1
Material	PU (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
REACH Prop 65 Compliant
ROHS Compliant
Meets UL94HB Requirements

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fittings
Hose Barb (Page 129)

Fractional Sizes

Part Number	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
PUV14ABK	0.250" (1/4")	0.156" (5/32")	100'	0.047"	0.476"	180 psi
PUV14CBK			500'			
PUV38ABK	0.375" (3/8")	0.250" (1/4")	100'	0.063"	1.000"	150 psi
PUV38CBK			500'			
PUV12ABK	0.500" (1/2")	0.328" (21/64")	100'	0.086"	1.100"	150 psi
PUV12CBK			500'			





Nylon 12 Tubing

Nylochem® Nylon 12 Tubing is well-suited for applications that require increased working pressure and temperatures.

- Higher Working Pressure Compared with PE and PU
- Wider Temperature Range Compared with PE and PU
- Low Moisture Absorption Rates
- Abrasion Resistant
- Broad Resistance to Chemicals
- Stabilized Against Harmful UV Rays
- Ideal for Outdoor Use, Resists Cracking

Specifications	
Temperature Range	-60°F to 200°F
Vacuum Rating	28" HG
Tolerance (1/8" to 1/4")	+/- .005"
Tolerance (3/8" to 1/2")	+/- .006"
Hardness	Shore 70D / Rockwell 78R
Safety Factor	4:1
Material	Nylon 12 (Polyamide 12)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
REACH Prop 65 Compliant
ROHS Compliant

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fittings

N 18 A BK

Material		Outside Diameter		Package Lengths		Color Code	
N	Nylon (PA) 12	18	1/8"	A	100' Roll	BK	Black
		04M/532	4mm / 5/32"	C	500' Spool	G	Green
		14	1/4"	D	1,000' Spool	NA	Natural
		14x150	1/4" x 0.150"	F	100m Spool	NB	Navy Blue
		08M/516	8mm / 5/16"			R	Red
		38	3/8"			Y	Yellow
		38x215	3/8" x 0.215"				
		12	1/2"				
		58	5/8"				
		06M	6mm				
		10M	10mm				
		12M	12mm				



Tubing & Hose



Fractional & Metric Sizes

Part Number (Add Color)	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
N18A_	0.125" (1/8")	0.080"	100'	0.022"	0.375"	420 psi
N18C_			500'			
N18D_			1,000'			
N14A_	0.250" (1/4")	0.180"	100'	0.035"	1.250"	290 psi
N14C_			500'			
N14D_			1,000'			
N14x150A_		0.150"	100'	0.050"	0.750"	800 psi
N14x150C_			500'			
N38A_	0.375" (3/8")	0.275"	100'	0.050"	2.000"	250 psi
N38C_			500'			
N38D_			1,000'			
N38x215A_		0.215"	100'	0.082"	1.000"	883 psi
N38x215C_			500'			
N12A_	0.500" (1/2")	0.375" (3/8")	100'	0.062"	3.500"	240 psi
N12C_			500'			
N58A_	0.625" (5/8")	0.500" (1/2")	100'	0.062"	4.250"	210 psi
N58C_			500'			
N04M/532A_	0.156" (5/32") 4mm	0.106" 2.7mm	100'	0.025" 0.65mm	0.500" 12.7mm	350 psi (24,1 bar)
N04M/532C_			500'			
N04M/532D_			1,000'			
N04M/532F_			100m			
N06MA_	6mm	4mm	100'	1.00mm	31.80mm	340 psi (23,4 bar)
N06MC_			500'			
N06MD_			1,000'			
N06MF_			100m			
N08M/516A_	0.313" (5/16") 8mm	0.236" 6mm	100'	0.039" 1.00mm	1.496" 38.00mm	250 psi (17,2 bar)
N08M/516C_			500'			
N08M/516D_			1,000'			
N08M/516F_			100m			
N10MA_	10mm	8mm	100'	1.00mm	51.00mm	225 psi (15,5 bar)
N10MC_			500'			
N10MD_			1,000'			
N10MF_			100m			
N12MA_	12mm	10mm	100'	1.00mm	63.50mm	200 psi (13,7 bar)
N12MC_			500'			
N12MD_			1,000'			
N12MF_			100m			
N14MA_	14mm	11mm	100'	1.50mm	100.00mm	175 psi (12 bar)
N14MC_			500'			
N14MF_			100m			

Note: See Back Cover or Resources Website Page for Chemical Compatibility



LLDPE Polyethylene NSF 61® Tubing

Value-Tube™ NSF 61® Linear Low Density Polyethylene Tubing is extruded from 100% non-toxic, **NSF 61®** and **FDA-Compliant** ingredients.

- NSF 61® Certified for Direct Contact with Potable Water
- Chemically Inert
- UV Stabilized
- Good Dielectric Properties
- Impermeable to Both Gas and Liquids

Specifications	
Temperature Range	-50°F to 140°F
Vacuum Rating	28" HG
Tolerance (1/8" to 1/4")	+/- .005"
Tolerance (3/8" to 1/2")	+/- .006"
Tolerance (3/4" to 5/8")	+/- .008"
Tolerance (1"+)	+/- .010"
Hardness	Shore 98A
Safety Factor	3:1
Material	LLDPE (Linear Low Density Polyethylene)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
NSF 61® Certified
Meets NSF 51® Requirements
FDA Compliant
REACH Prop 65 Compliant
RoHS Compliant

Fitting Compatibility
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Fluidfit™ NSF 61® Push to Connect (Page 76-80)
Compression Fittings
Hose Barb (Page 129)

PE 14 A BK

Material		Outside Diameter		Package Lengths		Color Code	
PE	LLDPE	18	1/8"	A	100' Roll	BK	Black
		04M/532	4mm / 5/32"	C	500' Spool	G	Green
		14	1/4"	D	1,000' Spool	NA	Natural
		08M/516	8mm / 5/16"			NB	Navy Blue
		38	3/8"			R	Red
		12	1/2"			Y	Yellow
		58	5/8"				
		34	3/4"				
		1	1"				
		06M	6mm				
		10M	10mm				
		12M	12mm				



Tubing & Hose

VALUE-TUBE™

NSF61® POLYETHYLENE LLDPE

Fractional & Metric Sizes

Part Number (Insert Color)	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
PE18A_	0.125" (1/8)	0.080"	100'	0.022"	0.150"	250 psi
PE18C_			500'			
PE18D_			1,000'			
PE14A_	0.250" (1/4")	0.170"	100'	0.040"	1.250"	150 psi
PE14C_			500'			
PE14D_			1,000'			
PE1418A_	0.250" (1/4")	0.125"	100'	0.062"	1.000"	350 psi
PE1418C_			500'			
PE1418D_			1,000'			
PE38A_	0.375" (3/8")	0.250" (1/4")	100'	0.062"	2.000"	150 psi
PE38C_			500'			
PE38D_			1,000'			
PE12A_	0.500" (1/2")	0.375" (3/8")	100'	0.062"	2.500"	125 psi
PE12C_			500'			
PE58A_	0.625" (5/8")	0.500" (1/2")	100'	0.062"	3.000"	100 psi
PE58C_			500'			
PE34A_	0.750" (3/4")	0.625" (5/8")	100'	0.062"	4.000"	100 psi
PE1A_	1.000"	0.750" (3/4")	100'	0.125"	4.000"	150 psi
PE04M/532A_	0.156" (5/32") 4mm	0.106" 2.7mm	100'	0.025" 0.65mm	1.000" 25.40mm	180 psi
PE04M/532C_			500'			
PE04M/532D_			1,000'			
PE06MA_	6mm	4mm	100'	1.00mm	31.80mm	150 psi (10,3 Bar)
PE06MC_			500'			
PE06MD_			1,000'			
PE08M/516A_	0.313" (5/16") 8mm	0.236" 6mm	100'	0.038" 1.00mm	1.500" 38.10mm	150 psi
PE08M/516C_			500'			
PE08M/516D_			1,000'			
PE10MA_	10mm	8mm	100'	1.00mm	51.00mm	125 psi (8,6 Bar)
PE10MC_			500'			
PE12MA_	12mm	9mm	100'	1.50mm	63.50mm	100 psi (6,9 Bar)
PE12MC_			500'			

Note: See Back Cover or Resources Website Page for Chemical Compatibility





PTFE Tubing

Mercury™ PTFE Tubing is a great choice for high-heat and/or advanced chemical-resistance applications.

- Widest Temperature Range of ATP's Offering
- Superb Chemical-Resistance
- Does Not Support Combustion
- Excellent Dielectric Properties
- Chemically Inert



PTFE 18 A NA

Material		Size OD x ID	Package Lengths		Color Code	
PTFE	PTFE		A	100' Roll	NA	Natural

Specifications	
Temperature Range	-454°F to 500°F
Vacuum Rating	28" HG
Tolerance (1/8")	+/- .004"
Tolerance (1/4 to 3/8")	+/- .005"
Hardness	Shore 55D
Safety Factor	4:1
Material	PTFE (Polytetrafluoroethylene)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance	
ASTM – D3295	
FDA Compliant	
REACH Prop 65 Compliant	
RoHS Compliant	
UL 94 VO	
USP Class VI	

Fitting Compatibility	
Technifit™ Push to Connect (Page 41-75)	
Compression Fittings	
Hose Barb (Page 129)	

Fractional & Metric Sizes

Part Number	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
PTFE18ANA	0.125" (1/8")	0.063"	100'	0.031"	0.390"	381 psi
PTFE14-18ANA	0.250" (1/4")	0.125" (1/8")	100'	0.063"	1.180"	372 psi
PTFE14-532ANA		0.156" (5/32")		0.047"	1.970"	275 psi
PTFE14-316ANA		0.188" (3/16")		0.031"	2.560"	174 psi
PTFE38ANA	0.375" (3/8")	0.250" (1/4")	100'	0.063"	4.330"	240 psi
PTFE438-38ANA	0.438"	0.375" (3/8")	100'	0.032"	4.500"	95 psi
PTFE12ANA	0.500" (1/2")	0.375" (3/8")	100'	0.063"	6.500"	150 psi
PTFE04MANA	4mm	2.5mm	100'	0.75mm	25.00mm	292 psi (20,1 Bar)
PTFE06MANA	6mm	4mm	100'	1.00mm	40.00mm	275 psi (18,9 Bar)
PTFE08MANA	8mm	6mm	100'	1.00mm	60.00mm	180 psi (12,4 Bar)
PTFE10MANA	10mm	8mm	100'	1.00mm	75.00mm	133 psi (9,1 Bar)
PTFE12MANA	12mm	10mm	100'	1.00mm	100.00mm	120 psi (8,2 Bar)

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Tubing & Hose



FEP Tubing

Venus™ FEP tubing is a more flexible, economical alternative to many PTFE applications. Venus™ FEP tubing provides users with most of the chemical-resistance and temperature range that PTFE offers. All Venus™ FEP tubing is semi-clear.

- Economical Alternative to PTFE
- Easily Cleaned
- Chemically Inert
- UV Resistant
- Low Permeability



Specifications	
Temperature Range	-400°F to 400°F
Vacuum Rating	28" HG
Tolerance (1/8")	+/- .004"
Tolerance (1/4 to 3/8")	+/- .005"
Hardness	Shore 55D
Safety Factor	3:1
Material	FEP (Fluorinated Ethylene Propylene)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
ASTM – D3295
FDA Compliant
REACH Prop 65 Compliant
RoHS Compliant
UL 94 VO
USP Class VI

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fittings
Hose Barb (Page 129)

FEP 18 A

Material		Size OD x ID		Package Lengths	
FEP	FEP	18	1/8" x .063"	A	100' Roll
		14-18	1/4" x 1/8"		
		14-532	1/4" x 5/32"		
		14-316	1/4" x 3/16"		
		38	3/8" x 1/4"		
		12	1/2" x 3/8"		
		04M	4x2.5mm		
		06M	6x4mm		
		08M	8x6mm		
		10M	10x8mm		
		12M	12x10mm		

Fractional & Metric Sizes

Part Number	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
FEP18A	0.125 (1/8")	0.063 (1/16")	100'	0.031	0.390"	381 psi
FEP14-18A	0.250" (1/4")	0.125" (1/8")	100'	0.063"	1.180"	400 psi
FEP14-532A		0.156" (5/32")		0.047"	1.970"	300 psi
FEP14-316A		0.188" (3/16)		0.031"	2.560"	174 psi
FEP38A	0.375" (3/8")	0.250" (1/4")	100'	0.063"	4.330"	240 psi
FEP12A	0.500" (1/2")	0.375" (3/8")	100'	0.063"	6.500"	180 psi
FEP04MA	4mm	2.5mm	100'	0.75mm	25.00mm	292 psi (20.1 Bar)
FEP06MA	6mm	4mm	100'	1.00mm	40.00mm	175 psi (12.0 Bar)
FEP08MA	8mm	6mm	100'	1.00mm	60.00mm	180 psi (12.4 Bar)
FEP10MA	10mm	8mm	100'	1.00mm	75.00mm	133 psi (9.1 Bar)
FEP12MA	12mm	10mm	100'	1.00mm	100.00mm	120 psi (8.7 Bar)

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Clear PVC NSF 61® Hose

Vinyl-Flex™ is a clear PVC hose suited for low pressure applications of both fluid and compressed gases. Vinyl-Flex PVC meets FDA requirements and is NSF 61® certified, making it ideal for use in potable water applications.

- NSF 61® Certified for Food and Beverage
- Certified for Direct Contact with Potable Water
- Lightweight and Flexible
- Phthalate-Free

Specifications	
Temperature Range	15°F to 150°F
Vacuum Rating	28" HG
Tolerance (1/8" to 1/2")	+0.004"/-0.008"
Tolerance (5/8" to 1")	+0.008"/-0.012"
Tolerance (1.25" to 1.5")	+0.012"/-0.016"
Tolerance (2" +)	+0.016"/-0.020"
Hardness	Shore 73A
Safety Factor	3:1
Material	PVC (Polyvinylchloride)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance	
Meets NSF 51® Requirements	
NSF 61®	
FDA Compliant	
REACH Prop 65 Compliant	
RoHS Compliant	
USP Class VI	

Fitting Compatibility	
Hose Barb (Page 129)	

PVC 18 - 14 A NA

Material		Inside Diameter x Outside Diameter		Package Lengths		Color Code	
PVC	NSF 61® PVC	PVC18-14	1/8" x 1/4"	A	100' Roll	NA	Clear
		PVC316-14	3/16" x 1/4"	2A	50' Roll		
		PVC316-516	3/16" x 5/16"				
		PVC316-38	3/16" x 3/8"				
		PVC316-716	3/16" x 7/16"				
		PVC14-38	1/4" x 3/8"				
		PVC14-716	1/4" x 7/16"				
		PVC14-12	1/4" x 1/2"				
		PVC516-716	5/16" x 7/16"				
		PVC516-12	5/16" x 1/2"				
		PVC516-916	5/16" x 9/16"				
		PVC38-12	3/8" x 1/2"				
		PVC38-916	3/8" x 9/16"				
		PVC38-58	3/8" x 5/8"				
		PVC716-916	7/16" x 9/16"				
		PVC12-58	1/2" x 5/8"				
		PVC12-1116	1/2" x 11/16"				
		PVC12-34	1/2" x 3/4"				
		PVC58-34	5/8" x 3/4"				
		PVC58-1316	5/8" x 13/16"				
		PVC58-78	5/8" x 7/8"				
		PVC34-1	3/4" x 1"				
		PVC34-54	3/4" x 1 1/4"				
		PVC78-118	7/8" x 1 1/8"				
		PVC1-54	1" x 1 1/4"				
		PVC1-138	1" x 1 3/8"				
		PVC54-64	1 1/4" x 1 1/2"				
		PVC54-1582	1 1/4" x 1 5/8"				
		PVC64-1782	1 1/2" x 1 7/8"				
		PVC2-2.52	2" x 2 1/2"				



Tubing & Hose



Fractional Sizes

Part Number	ID	OD	Length	Bend Radius	Wall Thickness	Working Pressure at 75°F
PVC18-14ANA	0.125" (1/8")	0.250" (1/4")	100'	1.000"	0.063"	65 psi
PVC316-14ANA	0.187" (3/16")	0.250" (1/4")	100'	0.800"	0.031"	50 psi
PVC316-516ANA		0.313" (5/16")		0.900"	0.063"	55 psi
PVC316-38ANA		0.375" (3/8")		1.100"	0.094"	60 psi
PVC316-716ANA		0.438" (7/16")		1.752"	0.125"	55 psi
PVC14-38ANA	0.250" (1/4")	0.375" (3/8")	100'	1.100"	0.062"	55 psi
PVC14-716ANA		0.438" (7/16")		1.300"	0.094"	55 psi
PVC14-12ANA		0.500" (1/2")		1.500"	0.125"	60 psi
PVC516-716ANA	0.312" (5/16")	0.438" (7/16")	100'	1.300"	0.063"	50 psi
PVC516-12ANA		0.500" (1/2")		1.500"	0.094"	55 psi
PVC516-916ANA		0.563" (9/16")		1.700"	0.125"	60 psi
PVC38-12ANA	0.375" (3/8")	0.500" (1/2")	100'	1.500"	0.062"	45 psi
PVC38-916ANA		0.563" (9/16")		1.700"	0.094"	50 psi
PVC38-58ANA		0.625" (5/8")		1.900"	0.125"	55 psi
PVC716-916ANA	0.437" (7/16")	0.563" (9/16")	100'	1.700"	0.063"	35 psi
PVC12-58ANA	0.500" (1/2")	0.625" (5/8")	100'	1.900"	0.062"	30 psi
PVC12-1116ANA		0.688" (11/16")		2.100"	0.094"	40 psi
PVC12-34ANA		0.750" (3/4")		2.200"	0.125"	45 psi
PVC58-34ANA	0.625" (5/8")	0.750" (3/4")	100'	2.200"	0.062"	30 psi
PVC58-1316ANA		0.813" (13/16")		2.400"	0.094"	35 psi
PVC58-78ANA		0.875" (7/8")		2.600"	0.125"	40 psi
PVC34-1ANA	0.750" (3/4")	1.000"	100'	3.000"	0.125"	35 psi
PVC34-54ANA		1.250" (1 1/4")		3.800"	0.250"	45 psi
PVC78-118ANA	0.875" (7/8")	1.125" (1 1/8")	100'	3.300"	0.125"	30 psi
PVC1-54ANA	1.000"	1.250" (1 1/4")	100'	3.800"	0.125"	25 psi
PVC1-138ANA		1.375" (1 3/8")		3.900"	0.187"	30 psi
PVC54-64ANA	1.250" (1 1/4")	1.500" (1 1/2")	100'	2.000"	0.125"	20 psi
PVC54-1582ANA		1.625" (1 5/8")	50'	0.187"	0.187"	30 psi
PVC64-1782ANA	1.500" (1 1/2")	1.875" (1 7/8")	50'	0.187"	0.187"	30 psi
PVC2-2.52ANA	2.000"	2.500" (2 1/2")	50'	0.250"	0.250"	20 psi

Note: See Back Cover or Resources Website Page for Chemical Compatibility





Reinforced PVC NSF 61® Hose

Dura-Pure® Reinforced PVC Hose features a polyester spiral yarn enabling higher pressure applications of both fluid and compressed gases. Dura-Pure® Hose meets FDA requirements and is NSF 61® certified, making it ideal for use in potable water applications.

- NSF 61® Certified for Food and Beverage
- Certified for Direct Contact with Potable Water
- Lightweight and Flexible
- Phthalate-Free



PVCBH 14 - 438 A NA

Specifications	
Temperature Range	15°F to 150°F
Vacuum Rating	28" HG
Tolerance (3/16" to 1/2")	+.004"/-.008"
Tolerance (5/8" to 1")	+.008"/-.012"
Tolerance (1.25" to 1.5")	+.012"/-.016"
Tolerance (2" +)	+.016"/-.020"
Hardness	Shore 73A
Safety Factor	3:1
Material	PVC (Polyvinylchloride)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.39.5000

Material		Inside Diameter x Outside Diameter		Package Lengths		Color Code	
PVCBH	NSF 61® Reinforced PVC	PVCBH316-375	3/16" x 3/8"	A	100' Roll	NA	Clear
		PVCBH14-438	1/4" x .438"	A2	200' Spool		
		PVCBH516-531	5/16" x .531"	A3	300' Spool		
		PVCBH38-594	3/8" x .594"				
		PVCBH12-34	1/2" x 3/4"				
		PVCBH58-891	5/8" x .891"				
		PVCBH34-103	3/4" x 1.03"				
		PVCBH1-1.3	1" x 1.3"				
		PVCBH54-1.62	1 1/4" x 1.62"				
		PVCBH64-1.938	1 X 1.938"				
		PVCBH2-2.492	2" x 2.492"				

Certifications/Compliance
Meets NSF 51® Requirements
NSF 61®
EN-71
FDA Compliant
PAHS
REACH Prop 65 Compliant
RoHS Compliant
USP Class VI

Fitting Compatibility
Hose Barb (Page 129)



Tubing & Hose



Fractional Sizes

Part Number	ID	OD	Length	Wall Thickness	Bend Radius	Working Pressure at 75°F
PVCBH316-375ANA	0.187" (3/16")	0.375" (3/8")	100'	0.094"	1.100"	250 psi
PVCBH316-375A3NA			300'			
PVCBH14-438ANA	0.250" (1/4")	0.438"	100'	0.094"	1.300"	250 psi
PVCBH14-438A3NA			300'			
PVCBH516-531ANA	0.313" (5/16")	0.531"	100'	0.109"	1.565"	250 psi
PVCBH516-531A3NA			300'			
PVCBH38-594ANA	0.375" (3/8")	0.594"	100'	0.109"	1.800"	225 psi
PVCBH38-594A3NA			300'			
PVCBH12-34ANA	0.500" (1/2")	0.750" (3/4")	100'	0.125"	2.300"	200 psi
PVCBH12-34A3NA			300'			
PVCBH58-891ANA	0.625" (5/8")	0.891"	100'	0.133"	2.600"	200 psi
PVCBH58-891A3NA			300'			
PVCBH34-103ANA	0.750" (3/4")	1.030"	100'	0.140"	3.100"	150 psi
PVCBH34-103A3NA			300'			
PVCBH1-1.3ANA	1.000"	1.300"	100'	0.150"	3.900"	125 psi
PVCBH1-1.3A2NA			200'			
PVCBH54-1.62ANA	1.250" (1 1/4")	1.620"	100'	0.185"	4.900"	100 psi
PVCBH64-1.938ANA	1.500" (1 1/2")	1.930"	100'	0.215"	6.000"	100 psi
PVCBH2-2.492ANA**	2.000"	2.490"	50'	0.245"	8.000"	75 psi

** Indicates Not NSF Certified

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Tubing & Hose

ARMOR-AIR™ Reinforced PU Air Hose



WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov.

Reinforced Polyurethane Air Hose

Rugged and durable, Armor-Air™ is constructed of reinforced ether-based polyurethane, and is perfect for the most demanding environments.

- Excellent Flexibility
- UV Stabilized
- Supplied with Reusable Fittings
- Nickel-Plated Fittings Resist Tarnishing and Corrosion
- Bend Restrictors Prevent Kinking
- Available as Pre-Made Assemblies with Fittings, or in Bulk
- Lightweight

PBH 14 - 25 CB 2

Material		Inside Diameter x Outside Diameter		Package Lengths		Color Code		Fitting Option	
PBH	Reinforced PU	14	1/4" x 3/8"	25	25' Roll	CB	Clear Blue	2	1/4" Male NPT Swivel
		38	3/8" x 9/16"	50	50' Roll	NB	Navy Blue	3	3/8" Male NPT Swivel
		12	1/2" x 3/4"	100	100' Roll	R	Red	4	1/2" Male NPT Swivel
				250	250' Spool			(Blank)	No Fittings
				500	500' Spool			Q	Premium Series (Auto)
								E	Economy Series (Manual)
								DF	Safety-Slide™

Fractional Sizes (NPT and Bulk)



Specifications	
Temperature Range	-40°F to 155°F
Max. Working Pressure	210 psi
Hardness	Shore 85A
Safety Factor	3:1
Material	Reinforced PU (Polyurethane)
Media	Air or Water
Tariff Code w/ Fittings	3917.33.0000
Tariff Code w/o Fittings	3917.32.0000

Certifications/Compliance	
UL94HB Compliant	

Fitting Compatibility	
H-Style Compression Replacement Fitting (Page104)	

Part Number	ID	OD	Length	Bend Radius	Fittings
PBH14-25CB2	0.250" (1/4")	0.375" (3/8")	25'	1.000"	1/4" Male NPT Swivel
PBH14-50CB2			50'		
PBH14-100CB2			100'		
PBH14A_			100'		No Fittings
PBH14B_			250'		
PBH14C_			500'		
PBH38-25CB2	0.375" (3/8")	0.562" (9/16")	25'	1.625"	1/4" Male NPT Swivel
PBH38-50CB2			50'		
PBH38-100CB2			100'		
PBH38-25CB3			25'		3/8" Male NPT Swivel
PBH38-50CB3			50'		
PBH38-100CB3			100'		
PBH38A_			100'		No Fittings
PBH38B_			250'		
PBH38C_			500'		
PBH12-25CB4	0.500" (1/2")	0.750" (3/4")	25'	2.640"	1/2" Male NPT Swivel
PBH12-50CB4			50'		
PBH12-100CB4			100'		
PBH12A_			100'		No Fittings
PBH12B_			250'		
PBH12C_			500'		

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Tubing & Hose

How to Build a Quick Disconnect Hose

Step 1: Choose Hose ID and Length

Fractional Sizes with Pneumatic Quick Disconnect(QD) Fittings

Part Number	ID	OD	Length	Bend Radius	Body Size	Interchange	Available QD Style
PBH14-25CB_	0.250" (1/4")	0.375" (3/8")	25'	1.000"	1/4"	Industrial (US)	Premium Series (Auto), Economy Series (Manual), Safety-Slide™
PBH14-50CB_			50'				
PBH14-100CB_			100'				
PBH38-25CB_	0.375" (3/8)	0.562" (9/16")	25'	1.625"	1/4" or 3/8"	Industrial (US)	Premium Series (Auto), Economy Series (Manual), Safety-Slide™
PBH38-50CB_			50'				
PBH38-100CB_			100'				
PBH12-25CBDF	0.500" (1/2)	0.750" (3/4)	25'	2.640"	1/2"	Industrial (US)	Safety-Slide™
PBH12-50CBDF			50'				
PBH12-100CBDF			100'				

Step 2: Select Coupling Code for Quick Disconnect Coupling Style (example PBH14-50CBDF)

Quick Disconnect Fitting Options (Choose Coupling Code)

Armor-Air™								
Part Number	Body Size	Interchange	Coupling Code	QC Series	Coupling	Page	Plug	Page
PBH14	1/4"	Industrial	Q	Premium (Auto)	14SOC-N2F	110	14PIC-N2F	111
			E	Economy (Manual)	14SI-N2F	115	14PI-N2F	116
			DF	Safety-Slide™	14DF-N2F	122	14PIC-N2F	111
PBH38	1/4"	Industrial	Q2	Premium (Auto)	14SOC-N3F	110	14PIC-N3F	111
	3/8"		Q		38SOC-N3F	110	38PIC-N3F	111
	1/4"		E2	Economy (Manual)	14SI-N3F	115	14PI-N3F	116
	3/8"		E		38SI-N3F	115	38PI-N3F	116
	1/4"		DF2	Safety-Slide™	14DF-N3F	122	14PIC-N3F	111
	3/8"		DF		38DF-N3F	122	38PIC-N3F	111
PBH12	1/2"	Industrial	DF	Safety-Slide™	12DF-N4F	122	12PI-N4F	116

Note: for 1/4" Body Size on a 3/8" ID hose, add "2" at the end. Example: DF2



Premium



Economy



Safety-Slide™



ARMOR-AIR™ 300 Reinforced PU Air Hose



Reinforced Polyurethane Air Hose

Armor-Air™ 300 features a sturdy weave of braided reinforcement between the inner and outer layers, increasing durability and working pressure to 300 psi.

- UV Stabilized
- Excellent Abrasion-Resistance
- Increased Working Pressure
- Reusable Nickel-Plated Fittings with Bend Restrictors
- Thread Sealant Supplied on All Fittings
- Available with Threads of Pneumatic QD Fittings
- Custom Assemblies Available – Contact ATP

PUBH 14 - 25 CB 2

Material		Inside Diameter x Outside Diameter		Package Lengths		Color Code		Fitting Option	
PUBH	Reinforced PU	14	1/4" x 3/8"	25	25' Roll	CB	Clear Blue	2	1/4" Male NPT Swivel
		38	3/8" x 9/16"	50	50' Roll			3	3/8" Male NPT Swivel
		12	1/2" x 3/4"	100	100' Roll			4	1/2" Male NPT Swivel
				250	250' Spool			(Blank)	No Fittings
				500	500' Spool			Q	Premium Series (Auto)
								E	Economy Series (Manual)
								DF	Safety-Slide™

WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov.



Fractional Sizes (NPT and Bulk)

Specifications	
Material	Polyurethane (Ether-Based)
Hardness	Shore 98A
Color	Clear Blue
Temperature Range	-40°F to 120°F (-40°C to 49°C)
Working Pressure at 68°F	310 psi (21.3 Bar)
Vacuum Rating	28" HG
Safety Factor	3:1
Tariff Code	3917.33.0000

Fitting Compatibility
H-Style Compression Replacement Fitting (Page104)

Part Number	ID	OD	Length	Bend Radius	Fittings
PUBH14-25CB2	0.250" (1/4")	0.375" (3/8")	25'	1.000"	1/4" Male NPT Swivel
PUBH14-50CB2			50'		
PUBH14-100CB2			100'		
PUBH14A_			100'		No Fittings
PUBH14B_			250'		
PUBH14C_			500'		
PUBH38-25CB2	0.375" (3/8")	0.562" (9/16")	25'	1.625"	1/4" Male NPT Swivel
PUBH38-50CB2			50'		
PUBH38-100CB2			100'		
PUBH38-25CB3			25'		3/8" Male NPT Swivel
PUBH38-50CB3			50'		
PUBH38-100CB3			100'		
PUBH38A_			100'		No Fittings
PUBH38B_			250'		
PUBH38C_			500'		
PUBH12-25CB4	0.500" (1/2")	0.750" (3/4")	25'	2.640"	1/2" Male NPT Swivel
PUBH12-50CB4			50'		
PUBH12-100CB4			100'		
PUBH12A_			100'		No Fittings
PUBH12B_			250'		
PUBH12C_			500'		

Tubing & Hose

How to Build a Quick Disconnect Hose

Step 1: Choose Hose ID and Length

Fractional Sizes with Pneumatic Quick Disconnect Fittings

Part Number	ID	OD	Length	Bend Radius	Body Size	Interchange	Available QD Style
PUBH14-25CB_	0.250" (1/4")	0.375" (3/8")	25'	1.000"	1/4"	Industrial (US)	Premium Series (Auto), Economy Series (Manual), Safety-Slide™
PUBH14-50CB_			50'				
PUBH14-100CB_			100'				
PUBH38-25CB_	0.375" (3/8)	0.562" (9/16")	25'	1.625"	1/4" or 3/8"	Industrial (US)	Premium Series (Auto), Economy Series (Manual), Safety-Slide™
PUBH38-50CB_			50'				
PUBH38-100CB_			100'				
PUBH12-25CBDF	0.500" (1/2)	0.750" (3/4)	25'	2.640"	1/2"	Industrial (US)	Safety-Slide™
PUBH12-50CBDF			50'				
PUBH12-100CBDF			100'				

Step 2: Select **Coupling Code** for Quick Disconnect Coupling Style (example PUBH14-25CBDF)

Quick Disconnect Fitting Options (Choose **Coupling Code**)

Armored Technithane™								
Part Number	Body Size	Interchange	Coupling Code	QC Series	Coupling	Page	Plug	Page
PUBH14	1/4"	Industrial	Q	Premium (Auto)	14SOC-N2F	110	14PIC-N2F	111
			E	Economy (Manual)	14SI-N2F	115	14PI-N2F	116
			DF	Safety-Slide™	14DF-N2F	122	14PIC-N2F	111
PUBH38	1/4"	Industrial	Q2	Premium (Auto)	14SOC-N3F	110	14PIC-N3F	111
	3/8"		Q		38SOC-N3F	110	38PIC-N3F	111
	1/4"		E2	Economy (Manual)	14SI-N3F	115	14PI-N3F	116
	3/8"		E		38SI-N3F	115	38PI-N3F	116
	1/4"		DF2	Safety-Slide™	14DF-N3F	122	14PIC-N3F	111
	3/8"		DF		38DF-N3F	122	38PIC-N3F	111
PUBH12	1/2"	Industrial	DF	Safety-Slide™	12DF-N4F	122	12PI-N4F	116

Note: for 1/4" Body Size on a 3/8" ID hose, add "2" at the end. Example: DF2



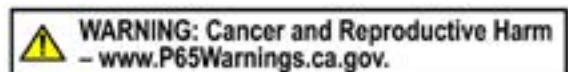
Premium



Economy



Safety-Slide™



Tubing & Hose



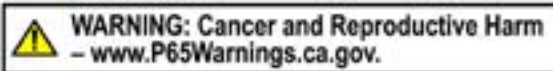
Reinforced Hybrid PVC Air Hose

Striper™ Reinforced Hybrid PVC Air Hose is a lightweight, flexible, abrasion resistant hybrid PVC air hose intended for the toughest of work environments.

- Smooth, Transparent Outer Layer, Allowing for Easy Cleaning and Inspection
- Nickel-Plated, Field Repairable Fittings with Bend Restrictors
- Cold Weather Flexibility Down to -40°F
- Will not Kink or Create Loops while Laying on Ground
- Available in Assemblies or Bulk

STH 14 - 25 BKR 2

Material		Inside Diameter x Outside Diameter		Package Lengths		Color Code		Fitting Option	
STH	Hybrid PVC	14	1/4" x 7/16"	10	10'	BKR	Black & Red	2	1/4" Male NPT Rigid
		38	3/8" x 9/16"	15	15'			3	3/8" Male NPT Rigid
		12	1/2" x 3/4"	25	25'			4	1/2" Male NPT Rigid
				50	50'			(Blank)	No Fittings
				100	100'			Q	Premium Series (Auto)
				A	100' (bulk)			E	Economy Series (Manual)
				B	250' (bulk)			DF	Safety-Slide™
				C	500' (bulk)				



Fractional Sizes (NPT and Bulk)

Specifications	
Temperature Range	-40°F to 180°F
Max. Working Pressure	300 psi
Construction	Reinforced Hybrid PVC
Hardness	Shore 62A
Media	Air or Water
Tariff Code (w/ Fittings)	3917.33.0000
Tariff Code (w/o Fittings)	3917.32.0000

Fitting Compatibility
STH-Style Compression Replacement Fitting (Page105)



Part Number	ID	OD	Length	Bend Radius	Fittings
STH14-10BKR2	0.250" (1/4")	0.437" (7/16")	10'	1.000"	1/4" Male NPT Rigid
STH14-15BKR2			15'		
STH14-25BKR2			25'		
STH14-50BKR2			50'		
STH14-100BKR2			100'		No Fittings
STH14-ABKR			100'		
STH14-BBKR			250'		
STH14-CBKR			500'		
STH38-10BKR2	0.375" (3/8")	0.562" (9/16")	10'	1.620"	1/4" Male NPT Rigid
STH38-15BKR2			15'		
STH38-25BKR2			25'		
STH38-50BKR2			50'		
STH38-100BKR2			100'		3/8" Male NPT Rigid
STH38-25BKR3			25'		
STH38-50BKR3			50'		
STH38-100BKR3			100'		No Fittings
STH38-ABKR			100'		
STH38-BBKR			250'		
STH38-CBKR			500'		
STH12-10BKR4	0.500" (1/2")	0.750" (3/4")	10'	2.640"	1/2" Male NPT Rigid
STH12-15BKR4			15'		
STH12-25BKR4			25'		
STH12-50BKR4			50'		
STH12-100BKR4			100'		No Fittings
STH12-ABKR			100'		
STH12-BBKR			250'		
STH12-CBKR			500'		

Tubing & Hose

How to Build a Quick Disconnect Hose

Step 1: Choose Hose ID and Length

Fractional Sizes with Pneumatic Quick Disconnect Fittings

Part Number	ID	OD	Length	Bend Radius	Body Size	Interchange	Available QD Style
STH14-25BKR_	0.250" (1/4")	0.437" (7/16")	25'	1.000"	1/4"	Industrial (US)	Premium Series (Auto) Economy Series (Manual) Safety-Slide™
STH14-50BKR_			50'				
STH14-100BKR_			100'				
STH38-25BKR_	0.375" (3/8")	0.562" (9/16")	25'	1.625"	1/4" or 3/8"	Industrial (US)	Premium Series (Auto) Economy Series (Manual) Safety-Slide™
STH38-50BKR_			50'				
STH38-100BKR_			100'				
STH12-25BKR_	0.500" (1/2")	0.750" (3/4")	25'	2.640"	1/2"	Industrial (US)	Safety-Slide™
STH12-50BKR_			50'				
STH12-100BKR_			100'				

Step 2: Select Coupling Code for Quick Disconnect Coupling Style (example STH14-25BKRQ2)

Quick Disconnect Fitting Options (Choose Coupling Code)

Striper™								
Part Number	Body Size	Interchange	Coupling Code	QC Series	Coupling	Page	Plug	Page
STH14	1/4"	Industrial	Q	Premium (Auto)	14SOC-N2F	110	14PIC-N2F	111
			E	Economy (Manual)	14SI-N2F	115	14PI-N2F	116
			DF	Safety-Slide™	14DF-N2F	122	14PIC-N2F	111
STH38	1/4"	Industrial	Q2	Premium (Auto)	14SOC-N3F	110	14PIC-N3F	111
	3/8"		Q		38SOC-N3F	110	38PIC-N3F	111
	1/4"		E2	Economy (Manual)	14SI-N3F	115	14PI-N3F	116
	3/8"		E		38SI-N3F	115	38PI-N3F	116
	1/4"		DF2	Safety-Slide™	14DF-N3F	122	14PIC-N3F	111
	3/8"		DF		38DF-N3F	122	38PIC-N3F	111
STH12	1/2"	Industrial	DF	Safety-Slide™	12DF-N4F	122	12PI-N4F	116

Note: for 1/4" Body Size on a 3/8" ID hose, add "2" at the end. Example: DF2



Premium



Economy



Safety-Slide™





Weld Spatter Resistant Tubing

Armor-Weld™ Spatter Resistant Tubing is specifically designed for use near welding operations. The protective Olefin flame resistant jacket provides protection against direct exposure to weld sparks.



- Armored Jacket Protects Tubing in Welding Environments
- Superior Kink-Resistance
- High Abrasion-Resistance
- UV Resistant
- Oil Resistant
- Flame-Retardant Cover
- Resists Hydrolysis
- Ozone Resistant
- Connections are Made by Stripping Jacket and Exposing Tubing Core

LE 14 A BK

Specifications	
Temperature Range	-68°F to 140°F*
Vacuum Rating	28" HG
Hardness	Shore 98A
Safety Factor	3:1
Material	PU w/ Olefin Jacket (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Material		Outside Diameter		Package Lengths		Color Code	
LE	Weld Spatter PU	14	1/4"	B	250'	BK	Black
2LE	2-Core Weld Spatter PU	08M/516	8mm / 5/16"	F	328'/100m	G	Green
		38	3/8"			LB	Light Blue
		12	1/2"			R	Red
		06M	6mm			W	White
		10M	10mm			Y	Yellow
		12M	12mm				

Certifications/Compliance	
UL94VO (Outer Jacket)	
UL Yellow Card Listed	
RoHs/Reach Compliant	

Fitting Compatibility	
Technifit™ Push to Connect (Page 41-75)	
Compression Fittings	
Hose Barb (Page 129)	

Fractional & Metric Sizes

Part Number (Add Color)	OD	ID	Length	Wall Thickness	Jacket Thickness	Bend Radius	Working Pressure at 75°F	Number Cores
LE14B_	0.250" (1/4")	0.156" (5/32")	250'	0.047"	0.039"	0.590"	180 psi	1
2LE14B_								2 (Bonded)
LE08M/516F_	0.312" (5/16")	0.196"	328'/100m	0.058"	0.039"	0.780"	175 psi	1
2LE08M/516F_								2 (Bonded)
LE38B_	0.375" (3/8")	0.250" (1/4")	250'	0.062"	0.039"	0.980"	150 psi	1
2LE38B_								2 (Bonded)
LE12B_	0.500" (1/2")	0.328" (21/64")	250'	0.086"	0.039"	1.170"	150 psi	1
2LE12B_								2 (Bonded)
LE06MF_	6mm	4mm	328'/100m	1.00mm	1.00mm	15.00mm	180 psi	1
2LE06MF_								2 (Bonded)
LE10MF_	10mm	6.5mm	328'/100m	1.75mm	1.00mm	25.00mm	150 psi	1
2LE10MF_								2 (Bonded)
LE12MF_	12mm	8mm	328'/100m	2.00mm	1.00mm	30.00mm	150 psi	1
2LE12MF_								2 (Bonded)

WARNING:
Cancer and Reproductive Harm
WWW.P65WARNINGS.CA.GOV

Bonded Tubing & Spirals



Bonded Tubing



General Bonded Tubing Information

Advanced Technology Products manufactures Technibond® bonded tubing from Surethane™ 98A Polyurethane. All Technibond® tubing can be separated in three easy steps.

Step 1:

Using a scissor or tubing cutter, make a small cut on a bonded section of tubing. Make a note of how far back this initial cut is.



Step 2:

Pull bonded tubing sections apart enough to allow desired connections to be made.



Step 3:

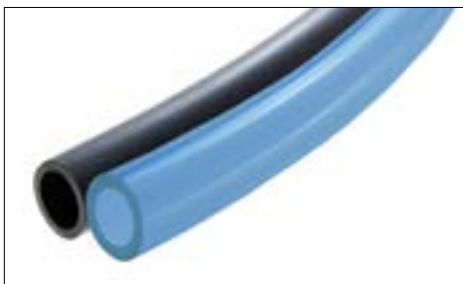
Trim initial split section from bonded tubing section.



Bonded Tubing



Bonded NSF 51® Polyurethane Tubing



ATP's Technibond® series utilizes NSF 51® Certified Surethane™ 98A Polyurethane tubing to create multiple-bore bonded tubing.

- Time Saving Measure for OEM Applications
- Resistant to Hydrolysis and Oil
- Kink and Abrasion Resistant



2 MP - 532 - A - 01

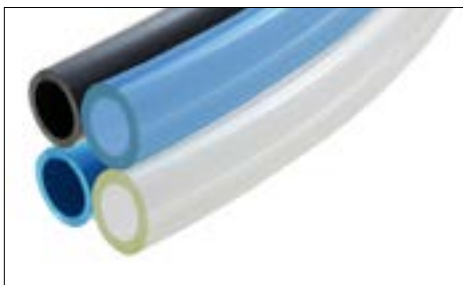
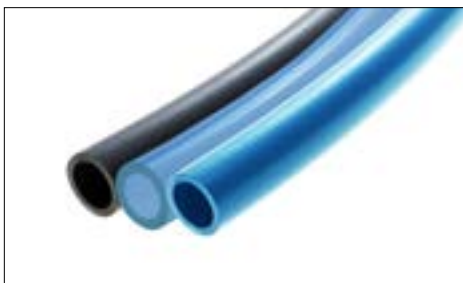
Number of Tubes	
2	2 Bore
3	3 Bore
4	4 Bore

Model	
MP	Bonded 98A PU

Tube OD	
532	5/32"
14	1/4"
38	3/8"
12	1/2"
04M	4mm
06M	6mm
08M	8mm
10M	10mm
12M	12mm

Length (Fractional)	
A	25 ft
B	50 ft
C	100 ft
D	250 ft
E	500 ft
F	1,000 ft
Length (Metric)	
50	50 ft
A	10m
B	20m
C	50m
D	100m
E	200m
F	300m

Color (2 Bore Only)	
01	Black/Clear Blue
02	Light Blue/Clear



Specifications	
Temperature Range	-40°F to 150°F*
Vacuum Rating	28" HG
Tolerance (1/8" to 1/2")	+/- .005"
Tolerance (9/16" to 3/4")	+/- .006"
Hardness	Shore 98A
Safety Factor	3:1
Material	PU (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
ROHS Compliant
UL94HB Compliant
NSF 51® Certified
Meets NSF 61® Requirements

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fitting
Hose Barb (Page 129)



Bonded Tubing



Technibond® 2 Bore Fractional Sizes

Model	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure @ 75°F	Colors
2MP-532-A-01	0.156" (5/32")	0.093" (3/32")	25'	0.031"	0.200"	240 psi	Black, Clear Blue
2MP-532-B-01			50'				
2MP-532-C-01			100'				
2MP-532-D-01			250'				
2MP-532-E-01			500'				
2MP-532-F-01			1,000'				
2MP-532-A-02			25'				Light Blue, Clear
2MP-532-B-02			50'				
2MP-532-C-02			100'				
2MP-532-D-02			250'				
2MP-532-E-02			500'				
2MP-532-F-02			1,000'				
2MP-14-A-01	0.250" (1/4")	0.156" (5/32)	25'	0.047"	0.476"	180 psi	Black, Clear Blue
2MP-14-B-01			50'				
2MP-14-C-01			100'				
2MP-14-D-01			250'				
2MP-14-E-01			500'				
2MP-14-F-01			1,000'				
2MP-14-A-02			25'				Light Blue, Clear
2MP-14-B-02			50'				
2MP-14-C-02			100'				
2MP-14-D-02			250'				
2MP-14-E-02			500'				
2MP-14-F-02			1,000'				
2MP-38-A-01	0.375" (3/8")	0.250" (1/4")	25'	0.063"	1.000"	150 psi	Black, Clear Blue
2MP-38-B-01			50'				
2MP-38-C-01			100'				
2MP-38-D-01			250'				
2MP-38-A-02			25'				Light Blue, Clear
2MP-38-B-02			50'				
2MP-38-C-02			100'				
2MP-38-D-02			250'				
2MP-12-A-01	0.500" (1/2")	0.328" (21/64)	25'	0.086"	1.102"	150 psi	Black, Clear Blue
2MP-12-B-01			50'				
2MP-12-C-01			100'				
2MP-12-A-02			25'				Light Blue, Clear
2MP-12-B-02			50'				
2MP-12-C-02			100'				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Tubing



Technibond® 2 Bore Metric Sizes

Model	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure @ 75°F	Colors
2MP-532-B-01	4mm	2.4mm	50'	0.78mm	6.35mm	200 psi (13,7 Bar)	Black, Clear Blue
2MP-04M-A-01			10m				
2MP-04M-B-01			20m				
2MP-04M-C-01			50m				
2MP-04M-D-01			100m				
2MP-04M-E-01			200m				
2MP-04M-F-01			300m				
2MP-532-B-02			50'				Light Blue, Clear
2MP-04M-A-02			10m				
2MP-04M-B-02			20m				
2MP-04M-C-02			50m				
2MP-04M-D-02			100m				
2MP-04M-E-02			200m				
2MP-04M-F-02			300m				
2MP-06M-50-01	6mm	4mm	50'	1.00mm	12.00mm	180 psi (12,4 Bar)	Black, Clear Blue
2MP-06M-A-01			10m				
2MP-06M-B-01			20m				
2MP-06M-C-01			50m				
2MP-06M-D-01			100m				
2MP-06M-E-01			200m				
2MP-06M-F-01			300m				
2MP-06M-50-02			50'				Light Blue, Clear
2MP-06M-A-02			10m				
2MP-06M-B-02			20m				
2MP-06M-C-02			50m				
2MP-06M-D-02			100m				
2MP-06M-E-02			200m				
2MP-06M-F-02			300m				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Tubing



Technibond® 2 Bore Metric Sizes (continued)

Model	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure @ 75°F	Colors
2MP-08M-50-01	8mm	5mm	50'	1.60mm	15mm	175 psi (12 Bar)	Black, Clear Blue
2MP-08M-A-01			10m				
2MP-08M-B-01			20m				
2MP-08M-C-01			50m				
2MP-08M-D-01			100m				
2MP-08M-E-01			200m				
2MP-08M-F-01			300m				
2MP-08M-50-02			50'				Light Blue, Clear
2MP-08M-A-02			10m				
2MP-08M-B-02			20m				
2MP-08M-C-02			50m				
2MP-08M-D-02			100m				
2MP-08M-E-02			200m				
2MP-08M-F-02			300m				
2MP-10M-50-01	10mm	6.5mm	50'	1.75mm	25mm	150 psi (10,3 Bar)	Black, Clear Blue
2MP-10M-A-01			10m				
2MP-10M-B-01			20m				
2MP-10M-C-01			50m				
2MP-10M-D-01			100m				
2MP-10M-50-02			50'				Light Blue, Clear
2MP-10M-A-02			10m				
2MP-10M-B-02			20m				
2MP-10M-C-02			50m				
2MP-10M-D-02			100m				
2MP-12M-50-01	12mm	8mm	50'	2.00mm	28mm	150 psi (10,3 Bar)	Black, Clear Blue
2MP-12M-A-01			10m				
2MP-12M-B-01			20m				
2MP-12M-C-01			50m				
2MP-12M-D-01			100m				
2MP-12M-50-02			50'				Light Blue, Clear
2MP-12M-A-02			10m				
2MP-12M-B-02			20m				
2MP-12M-C-02			50m				
2MP-12M-D-02			100m				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Tubing



Technibond® 3 Bore Fractional & Metric Sizes

Model	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure @ 75°F	Colors
3MP-532-A	0.156" (5/32")	0.093" (3/32")	25'	0.031"	0.200"	240 psi	Black, Clear Blue, Light Blue
3MP-532-B			50'				
3MP-532-C			100'				
3MP-532-D			250'				
3MP-532-E			500'				
3MP-14-A	0.250" (1/4")	0.156" (5/32")	25'	0.047"	0.470"	180 psi	Black, Clear Blue, Light Blue
3MP-14-B			50'				
3MP-14-C			100'				
3MP-14-D			250'				
3MP-14-E			500'				
3MP-38-A	0.375" (3/8")	0.250" (1/4")	25'	0.063"	1.000"	150 psi	Black, Clear Blue, Light Blue
3MP-38-B			50'				
3MP-38-C			100'				
3MP-12-A	0.500" (1/2")	0.328" (21/64")	25'	0.086"	1.100"	150 psi	Black, Clear Blue, Light Blue
3MP-12-B			50'				
3MP-12-C			100'				
3MP-532-B	4mm	2.4mm	50"	0.78mm	6.35mm	200 psi (13,7 Bar)	Black, Clear Blue, Light Blue
3MP-04M-A			10m				
3MP-04M-B			20m				
3MP-04M-C			50m				
3MP-04M-D			100m				
3MP-04M-E			200m				
3MP-06M-50	6mm	4mm	50'	1.00mm	12.00mm	180 psi (12,4 Bar)	Black, Clear Blue, Light Blue
3MP-06M-A			10m				
3MP-06M-B			20m				
3MP-06M-C			50m				
3MP-06M-D			100m				
2MP-06M-E			200m				
3MP-08M-50	8mm	5mm	50'	1.60mm	15.00mm	175 psi (12 Bar)	Black, Clear Blue, Light Blue
3MP-08M-A			10m				
3MP-08M-B			20m				
3MP-08M-C			50m				
3MP-08M-D			100m				
3MP-08M-E			200m				
3MP-10M-50	10mm	6.5mm	50'	1.75mm	25.00mm	150 psi (10,3 Bar)	Black, Clear Blue, Light Blue
3MP-10M-A			10m				
3MP-10M-B			20m				
3MP-12M-50	12mm	8mm	50'	2.00mm	28.00mm	150 psi (10,3 Bar)	Black, Clear Blue, Light Blue
3MP-12M-A			10m				
3MP-12M-B			20m				

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Bonded Tubing



Technibond® 4 Bore Fractional Sizes & Metric Sizes

Model	OD	ID	Length	Wall Thickness	Bend Radius	Working Pressure @ 75°F	Colors
4MP-532-A	0.156" (5/32")	0.093" (3/32")	25'	0.031"	0.250"	200 psi	Black, Clear Blue, Light Blue, Clear
4MP-532-B			50'				
4MP-532-C			100'				
4MP-532-D			250'				
4MP-532-E			500'				
4MP-14-A	0.250" (1/4")	0.156" (5/32")	25'	0.047"	0.470"	180 psi	Black, Clear Blue, Light Blue, Clear
4MP-14-B			50'				
4MP-14-C			100'				
4MP-38-A	0.375" (3/8")	0.250" (1/4")	25'	0.063"	1.000"	150 psi	Black, Clear Blue, Light Blue, Clear
4MP-38-B			50'				
4MP-38-C			100'				
4MP-12-A	0.500" (1/2")	0.328" (21/64")	25'	0.086"	1.100"	150 psi	Black, Clear Blue, Light Blue, Clear
4MP-12-B			50'				
4MP-532-B	4mm	2.4mm	50'	0.78mm	6.35mm	200 psi (13,7 Bar)	Black, Clear Blue, Light Blue, Clear
4MP-04M-A			10m				
4MP-04M-B			20m				
4MP-04M-C			50m				
4MP-04M-D			100m				
4MP-04M-E			200m				
4MP-06M-50	6mm	4mm	50'	1.00mm	12.00mm	180 psi (12,4 Bar)	Black, Clear Blue, Light Blue, Clear
4MP-06M-A			10m				
4MP-06M-B			20m				
4MP-06M-C			50m				
4MP-08M-50	8mm	5mm	50'	1.60mm	15.00mm	175 psi (12 Bar)	Black, Clear Blue, Light Blue, Clear
4MP-08M-A			10m				
4MP-08M-B			20m				
4MP-08M-C			50m				
4MP-10M-50	10mm	6.5mm	50'	1.75mm	25.00mm	150 psi (10,3 Bar)	Black, Clear Blue, Light Blue, Clear
4MP-10M-A			10m				
4MP-10M-B			20m				
4MP-12M-50	12mm	8mm	50'	2.00mm	28.00mm	150 psi (10,3 Bar)	Black, Clear Blue, Light Blue, Clear
4MP-12M-A			10m				
4MP-12M-B			20m				

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Bonded Spirals



Bonded NSF 51® Polyurethane Spirals



2 Bore



3 Bore



4 Bore

ATP's Technibond® series utilizes NSF 51® Certified Surethane™ 98A Polyurethane tubing to create multiple-bore bonded spirals.

- Time Saving Measure for OEM Applications
- Resistant to Hydrolysis and Oil
- Kink and Abrasion Resistant

All Technibond™ Spirals are offered in **number of turns** which provide varying working lengths for each diameter.

See supplied charts for working length.

2 MPS - 532 - 05 - 01

Number of Tubes		Model		Tube OD		Number of Turns		Color (2 Bore Only)	
2	2 Bore	MPS	Bonded 98A PU Spiral	532	5/32"	05	5	01	Black/Clear Blue
3	3 Bore			14	1/4"	10	10	02	Light Blue/Clear
4	4 Bore			38	3/8"	15	15		
				12	1/2"	20	20		
				04M	4mm	30	30		
				06M	6mm	40	40		
				08M	8mm				
				10M	10mm				
				12M	12mm				

Specifications	
Temperature Range	-40°F to 160°F*
Vacuum Rating	28" HG
Tolerance (1/8" to 1/2")	+/- .005"
Tolerance (9/16" to 3/4")	+/- .006"
Hardness	Shore 98A
Safety Factor	3:1
Material	PU (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Certifications/Compliance
ROHS Compliant
UL94HB Compliant
NSF 51® Certified
Meets NSF 61® Requirements

Fitting Compatibility
Technifit™ Push to Connect (Page 41-75)
Compression Fittings
Hose Barb (Page 129)



Bonded Spirals

Surethane™ Technibond® 2 Bore Spiral, Fractional Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
2MPS-532-05-01	0.156" (5/32")	0.093" (3/32")	5	1.200'	9.500"	4" & 4"	240 psi	0.875"	Black & Clear Blue
2MPS-532-10-01			10	2.000'	11.120"				
2MPS-532-15-01			15	2.700'	12.620"				
2MPS-532-20-01			20	3.500'	14.250"				
2MPS-532-30-01			30	5.400'	17.500"				
2MPS-532-40-01			40	6.500'	20.620"				
2MPS-532-05-02	0.156" (5/32")	0.093" (3/32")	5	1.200'	9.500"	4" & 4"	240 psi	0.875"	Light Blue & Clear
2MPS-532-10-02			10	2.000'	11.120"				
2MPS-532-15-02			15	2.700'	12.620"				
2MPS-532-20-02			20	3.500'	14.250"				
2MPS-532-30-02			30	5.400'	17.500"				
2MPS-532-40-02			40	6.500'	20.620"				
2MPS-14-05-01	0.250" (1/4")	0.156" (5/32")	5	1.700'	10.500"	4" & 4"	180 psi	1.500"	Black & Clear Blue
2MPS-14-10-01			10	2.900'	13.000"				
2MPS-14-15-01			15	4.000'	15.500"				
2MPS-14-20-01			20	5.300'	18.000"				
2MPS-14-30-01			30	7.600'	23.000"				
2MPS-14-40-01			40	10.000'	28.000"				
2MPS-14-05-02	0.250" (1/4")	0.156" (5/32")	5	1.700'	10.500"	4" & 4"	180 psi	1.500"	Light Blue & Clear
2MPS-14-10-02			10	2.900'	13.000"				
2MPS-14-15-02			15	4.000'	15.500"				
2MPS-14-20-02			20	5.300'	18.000"				
2MPS-14-30-02			30	7.600'	23.000"				
2MPS-14-40-02			40	10.000'	28.000"				
2MPS-38-05-01	0.375" (3/8")	0.250" (1/4")	5	2.000'	11.750"	4" & 4"	150 psi	2.000"	Black & Clear Blue
2MPS-38-10-01			10	3.600'	15.500"				
2MPS-38-15-01			15	5.200'	19.250"				
2MPS-38-20-01			20	6.700'	23.000"				
2MPS-38-30-01			30	9.800'	32.500"				
2MPS-38-40-01			40	12.900'	38.000"				
2MPS-38-05-02	0.375" (3/8")	0.250" (1/4")	5	2.000'	11.750"	4" & 4"	150 psi	2.000"	Light Blue & Clear
2MPS-38-10-02			10	3.600'	15.500"				
2MPS-38-15-02			15	5.200'	19.250"				
2MPS-38-20-02			20	6.700'	23.000"				
2MPS-38-30-02			30	9.800'	32.500"				
2MPS-38-40-02			40	12.900'	38.000"				
2MPS-12-05-01	0.500" (1/2")	0.328" (21/64")	5	2.600'	13.000"	4" & 4"	150 psi	2.625"	Black & Clear Blue
2MPS-12-10-01			10	4.700'	18.000"				
2MPS-12-15-01			15	6.700'	23.000"				
2MPS-12-20-01			20	8.770'	28.000"				
2MPS-12-30-01			30	12.900'	38.000"				
2MPS-12-40-01			40	17.000'	48.000"				
2MPS-12-05-02	0.500" (1/2")	0.328" (21/64")	5	2.600'	13.000"	4" & 4"	150 psi	2.625"	Light Blue & Clear
2MPS-12-10-02			10	4.700'	18.000"				
2MPS-12-15-02			15	6.700'	23.000"				
2MPS-12-20-02			20	8.770'	28.000"				
2MPS-12-30-02			30	12.900'	38.000"				
2MPS-12-40-02			40	17.000'	48.000"				

Note: See Back Cover or Resources Website Page for Chemical Compatibility

Bonded Spirals



Technibond® 2 Bore Spiral, Metric Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
2MPS-532-05-01	4mm	2.4mm	5	37cm	24cm	100mm & 100mm	200 psi (13,7 Bar)	24mm	Black & Clear Blue
2MPS-532-10-01			10	60cm	28cm				
2MPS-532-15-01			15	82cm	32cm				
2MPS-532-20-01			20	105cm	36cm				
2MPS-532-30-01			30	151cm	44cm				
2MPS-532-40-01			40	197cm	52cm				
2MPS-532-05-02	4mm	2.4mm	5	37cm	24cm	100mm & 100mm	200 psi (13,7 Bar)	24mm	Light Blue & Clear
2MPS-532-10-02			10	60cm	28cm				
2MPS-532-15-02			15	82cm	32cm				
2MPS-532-20-02			20	105cm	36cm				
2MPS-532-30-02			30	151cm	44cm				
2MPS-532-40-02			40	197cm	52cm				
2MPS-06M-05-01	6mm	4mm	5	51cm	26cm	100mm & 100mm	180 psi (12,4 Bar)	37mm	Black & Clear Blue
2MPS-06M-10-01			10	86cm	32cm				
2MPS-06M-15-01			15	123cm	38cm				
2MPS-06M-20-01			20	160cm	44cm				
2MPS-06M-30-01			30	230cm	56cm				
2MPS-06M-40-01			40	302cm	68cm				
2MPS-06M-05-02	6mm	4mm	5	51cm	26cm	100mm & 100mm	180 psi (12,4 Bar)	37mm	Light Blue & Clear
2MPS-06M-10-02			10	86cm	32cm				
2MPS-06M-15-02			15	123cm	38cm				
2MPS-06M-20-02			20	160cm	44cm				
2MPS-06M-30-02			30	230cm	56cm				
2MPS-06M-40-02			40	302cm	68cm				
2MPS-08M-05-01	8mm	5mm	5	53cm	28cm	100mm & 100mm	175 psi (12 Bar)	41mm	Black & Clear Blue
2MPS-08M-10-01			10	91cm	36cm				
2MPS-08M-15-01			15	130cm	44cm				
2MPS-08M-20-01			20	168cm	52cm				
2MPS-08M-30-01			30	243cm	68cm				
2MPS-08M-40-01			40	320cm	84cm				
2MPS-08M-05-02	8mm	5mm	5	53cm	28cm	100mm & 100mm	175 psi (12 Bar)	41mm	Light Blue & Clear
2MPS-08M-10-02			10	91cm	36cm				
2MPS-08M-15-02			15	130cm	44cm				
2MPS-08M-20-02			20	168cm	52cm				
2MPS-08M-30-02			30	243cm	68cm				
2MPS-08M-40-02			40	320cm	84cm				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Spirals



Technibond® 2 Bore Spiral, Metric Sizes (continued)

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
2MPS-10M-05-01	10mm	6.5mm	5	62cm	30cm	100mm & 100mm	150 psi (10,3 Bar)	52mm	Black & Clear Blue
2MPS-10M-10-01			10	110cm	40cm				
2MPS-10M-15-01			15	160cm	50cm				
2MPS-10M-20-01			20	205cm	60cm				
2MPS-10M-30-01			30	301cm	80cm				
2MPS-10M-40-01			40	396cm	100cm				
2MPS-10M-05-02	10mm	6.5mm	5	62cm	30cm	100mm & 100mm	150 psi (10,3 Bar)	52mm	Light Blue & Clear
2MPS-10M-10-02			10	110cm	40cm				
2MPS-10M-15-02			15	160cm	50cm				
2MPS-10M-20-02			20	205cm	60cm				
2MPS-10M-30-02			30	301cm	80cm				
2MPS-10M-40-02			40	396cm	100cm				
2MPS-12M-05-01	12mm	8mm	5	78cm	32cm	100mm & 100mm	150 psi (10,3 Bar)	66mm	Black & Clear Blue
2MPS-12M-10-01			10	138cm	44cm				
2MPS-12M-15-01			15	200cm	56cm				
2MPS-12M-20-01			20	262cm	68cm				
2MPS-12M-30-01			30	387cm	92cm				
2MPS-12M-40-01			40	512cm	116cm				
2MPS-12M-05-02	12mm	8mm	5	78cm	32cm	100mm & 100mm	150 psi (10,3 Bar)	66mm	Light Blue & Clear
2MPS-12M-10-02			10	138cm	44cm				
2MPS-12M-15-02			15	200cm	56cm				
2MPS-12M-20-02			20	262cm	68cm				
2MPS-12M-30-02			30	387cm	92cm				
2MPS-12M-40-02			40	512cm	116cm				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Spirals



Technibond® 3 Bore Spiral, Fractional Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
3MPS-532-05	0.156" (5/32")	0.093" (3/32")	5	1.50'	10.37"	4" & 4"	240 psi	0.875"	Black, Clear Blue & Light Blue
3MPS-532-10			10	2.50'	12.75"				
3MPS-532-15			15	3.50'	15.00"				
3MPS-532-20			20	4.40'	17.37"				
3MPS-532-30			30	6.40'	22.25"				
3MPS-532-40			40	8.30'	27.00"				
3MPS-14-05	0.250" (1/4")	0.156" (5/32")	5	2.00'	11.75"	4" & 4"	180 psi	1.500"	Black, Clear Blue & Light Blue
3MPS-14-10			10	3.40'	15.50"				
3MPS-14-15			15	4.80'	19.25"				
3MPS-14-20			20	6.30'	23.00"				
3MPS-14-30			30	9.10'	30.50"				
3MPS-14-40			40	11.95'	38.00"				
3MPS-38-05	0.375" (3/8")	0.250" (1/4")	5	2.40'	13.62"	4" & 4"	150 psi	2.000"	Black, Clear Blue & Light Blue
3MPS-38-10			10	4.40'	19.25"				
3MPS-38-15			15	6.30'	24.87"				
3MPS-38-20			20	8.30'	30.50"				
3MPS-38-30			30	12.20'	41.75"				
3MPS-38-40			40	16.00'	53.00"				
3MPS-12-05	0.500" (1/2")	0.328" (21/64")	5	3.20'	15.50"	4" & 4"	150 psi	2.625"	Black, Clear Blue & Light Blue
3MPS-12-10			10	6.00'	23.00"				
3MPS-12-15			15	8.70'	30.50"				
3MPS-12-20			20	11.40'	38.00"				
3MPS-12-30			30	16.80'	53.00"				
3MPS-12-40			40	22.30'	68.00"				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Spirals



Technibond® 3 Bore Spiral, Metric Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
3MPS-532-05	4mm	2.4mm	5	45cm	26cm	100mm & 100mm	200 psi (13,7 Bar)	24mm	Black, Clear Blue & Light Blue
3MPS-532-10			10	75cm	32cm				
3MPS-532-15			15	105cm	38cm				
3MPS-532-20			20	135cm	44cm				
3MPS-532-30			30	194cm	56cm				
3MPS-532-40			40	254cm	68cm				
3MPS-06M-05	6mm	4mm	5	58cm	29cm	100mm & 100mm	180 psi (12,4 Bar)	37mm	Black, Clear Blue & Light Blue
3MPS-06M-10			10	93cm	38cm				
3MPS-06M-15			15	145cm	47cm				
3MPS-06M-20			20	190cm	56cm				
3MPS-06M-30			30	274cm	74cm				
3MPS-06M-40			40	360cm	92cm				
3MPS-08M-05	8mm	5mm	5	60cm	32cm	100mm & 100mm	175 psi (12 Bar)	41mm	Black, Clear Blue & Light Blue
3MPS-08M-10			10	105cm	44cm				
3MPS-08M-15			15	152cm	56cm				
3MPS-08M-20			20	198cm	6cm				
3MPS-08M-30			30	288cm	92cm				
3MPS-08M-40			40	378cm	116cm				
3MPS-10M-05	10mm	6.5mm	5	75cm	35cm	100mm & 100mm	150 psi (10,3 Bar)	52mm	Black, Clear Blue & Light Blue
3MPS-10M-10			10	135cm	50cm				
3MPS-10M-15			15	195cm	65cm				
3MPS-10M-20			20	258cm	80cm				
3MPS-10M-30			30	376cm	110cm				
3MPS-10M-40			40	497cm	140cm				
3MPS-12M-05	12mm	8mm	5	97cm	38cm	100mm & 100mm	150 psi (10,3 Bar)	66mm	Black, Clear Blue & Light Blue
3MPS-12M-10			10	180cm	56cm				
3MPS-12M-15			15	265cm	74cm				
3MPS-12M-20			20	345cm	92cm				
3MPS-12M-30			30	507cm	128cm				
3MPS-12M-40			40	673cm	164cm				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Spirals



Technibond® 4 Bore Spiral, Fractional Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
4MPS-532-05	0.156" (5/32")	0.093" (3/32")	5	1.800'	9.500"	4" & 4"	240 psi	1.500"	Black, Clear Blue , Light Blue & Clear
4MPS-532-10			10	3.000'	11.120"				
4MPS-532-15			15	4.000'	12.620"				
4MPS-532-20			20	5.000'	14.250"				
4MPS-532-30			30	6.500'	17.500"				
4MPS-532-40			40	8.300'	20.620"				
4MPS-14-05	0.250" (1/4")	0.156" (5/32")	5	2.500'	10.500"	4" & 4"	180 psi	2.250"	Black, Clear Blue , Light Blue & Clear
4MPS-14-10			10	3.500'	13.000"				
4MPS-14-15			15	5.000'	15.500"				
4MPS-14-20			20	6.500'	18.000"				
4MPS-14-30			30	9.100'	23.000"				
4MPS-14-40			40	11.950'	28.000"				
4MPS-38-05	0.375" (3/8")	0.250" (1/4")	5	2.500'	11.750"	4" & 4"	150 psi	3.250"	Black, Clear Blue , Light Blue & Clear
4MPS-38-10			10	4.500'	15.500"				
4MPS-38-15			15	6.500'	19.250"				
4MPS-38-20			20	8.500'	23.000"				
4MPS-38-30			30	12.200'	30.500"				
4MPS-38-40			40	16.000'	38.000"				
4MPS-12-05	0.500" (1/2")	0.328" (21/64")	5	3.400'	13.000"	4" & 4"	150 psi	4.375"	Black, Clear Blue , Light Blue & Clear
4MPS-12-10			10	6.200'	18.000"				
4MPS-12-15			15	9.000'	23.000"				
4MPS-12-20			20	11.500'	28.300"				
4MPS-12-30			30	16.800'	38.000"				
4MPS-12-40			40	22.300'	48.000"				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



Bonded Spirals



Technibond® 4 Bore Spiral, Metric Sizes

Model	OD	ID	Total Turns	Working Length	Compressed Length	Tail Length	Working Pressure @ 75°F	Spiral OD	Colors
4MPS-532-05	4mm	2.4mm	5	45cm	24cm	100mm & 100mm	200 psi (13,7 Bar)	24mm	Black, Clear Blue, Light Blue & Clear
4MPS-532-10			10	75cm	28cm				
4MPS-532-15			15	105cm	32cm				
4MPS-532-20			20	135cm	36cm				
4MPS-532-30			30	194cm	44cm				
4MPS-532-40			40	254cm	52cm				
4MPS-06M-05	6mm	4mm	5	58cm	26cm	100mm & 100mm	180 psi (12,4 Bar)	37mm	Black, Clear Blue, Light Blue & Clear
4MPS-06M-10			10	103cm	32cm				
4MPS-06M-15			15	145cm	38cm				
4MPS-06M-20			20	190cm	44cm				
4MPS-06M-30			30	274cm	56cm				
4MPS-06M-40			40	360cm	38cm				
4MPS-08M-05	8mm	5mm	5	60cm	28cm	100mm & 100mm	175 psi (12 Bar)	41mm	Black, Clear Blue, Light Blue & Clear
4MPS-08M-10			10	105cm	36cm				
4MPS-08M-15			15	152cm	44cm				
4MPS-08M-20			20	198cm	52cm				
4MPS-08M-30			30	288cm	68cm				
4MPS-08M-40			40	378cm	84cm				
4MPS-10M-05	10mm	6.5mm	5	75cm	30cm	100mm & 100mm	150 psi (10,3 Bar)	52mm	Black, Clear Blue, Light Blue & Clear
4MPS-10M-10			10	135cm	40cm				
4MPS-10M-15			15	195cm	50cm				
4MPS-10M-20			20	258cm	60cm				
4MPS-10M-30			30	376cm	80cm				
4MPS-10M-40			40	497cm	100cm				
4MPS-12M-05	12mm	8mm	5	97cm	32cm	100mm & 100mm	150 psi (10,3 Bar)	66mm	Black, Clear Blue, Light Blue & Clear
4MPS-12M-10			10	180cm	44cm				
4MPS-12M-15			15	265cm	56cm				
4MPS-12M-20			20	345cm	68cm				
4MPS-12M-30			30	507cm	92cm				
4MPS-12M-40			40	673cm	116cm				

Note: See Back Cover or Resources Website Page for Chemical Compatibility



TECHNIFIT™



Push-to-Connect Fittings



Technifit™ Push-to-Connect Fittings

Push-to-Connect Fittings are Offered in Three Styles

TECHNIFIT™



Resin Series

Largest Offering of Sizes and Configurations



Specifications	
Working Pressure	150 psi
Temperature Range	32°F to 140°F
Vacuum Rating	29.5" HG
Metal Body Material	Nickel-Plated Brass
Resin Body Material	PBT Resin
O-Ring	NBR (Buna-N)
Grip Ring	Stainless Steel
Release Ring	Acetal Plastic
Media	Compressed Air/ Inert Gases

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TECHNIFIT™



Nickel-Plated Brass Series

Increased Working Pressure



Specifications	
Working Pressure	280 psi
Temperature Range	-4°F to 176°F
Vacuum Rating	28" HG
Metal Body Material	Nickel-Plated Brass
O-Ring	NBR (Buna-N)
Grip Ring	Stainless Steel
Release Ring	Nickel-Plated Brass
Media	Compressed Air/ Inert Gases

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TECHNIFIT™



Stainless Steel Series

Highest Working Pressure Highest Corrosion-Resistance



Specifications	
Working Pressure	290 psi
Temperature Range	-20°F to 420°F
Vacuum Rating	29.5" HG
Metal Body Material	316 Stainless Steel
O-Ring	Viton®
Grip Ring	301 Stainless Steel
Release Ring	316 Stainless Steel
Media	Compressed Air/ Inert Gases

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Technifit™ Resin Push-to-Connect Fittings

Resin Series

The Resin-Series of Technifit™ push-to-connect fittings features a broad offering of configurations and sizes.



Specifications	
Working Pressure	150 psi
Temperature Range	32°F to 140°F
Vacuum Rating	29.5" HG
Metal Body Material	Nickel-Plated Brass
Resin Body Material	PBT Resin
O-Ring	NBR (Buna-N)
Grip Ring	Stainless Steel
Release Ring	Acetal Plastic
Media	Compressed Air/Inert Gases



PC - 1/4 - 01 C

Model	Tubing Size		Thread		Configuration	
					(Blank)	Full Size
	5/32	5/32" (0.1562")	N0	1/16" NPT		
	3/16	3/16" (0.1875")	N1	1/8" NPT	C	Compact
	1/4	1/4" (0.2500")	N2	1/4" NPT		
	5/16	5/16" (0.3125")	N3	3/8" NPT		
	3/8	3/8" (0.3750")	N4	1/2" NPT		
	1/2	1/2" (0.5000")	01	1/8" BSPT(R)		
	04	4mm	02	1/4" BSPT(R)		
	06	6mm	03	3/8" BSPT(R)		
	08	8mm	04	1/2" BSPT(R)		
	10	10mm	G01	1/8" BSPP(G)		
	12	12mm	G02	1/4" BSPP(G)		
	14	14mm	G03	3/8" BSPP(G)		
	16	16mm	G04	1/2" BSPP(G)		
			M5	M5 x 0.8		
			M6	M6 x 1.0		
			M12	M12 x 1.5		
			M16	M16 x 1.5		
			M22	M22 x 1.5		
			U	10-32 Male		



Tube OD	Thread	Hex Male Straight	Compact Hex Male Straight	Round Male Straight	Compact Round Male Straight	Hex Female Straight	Compact Hex Female Straight
1/8"	10-32		PC1/8-UC		POC1/8-UC		PCF1/8-UC
	1/16" NPT		PC1/8-N0C		POC1/8-N0C		PCF1/8-N0C
	1/8" NPT		PC1/8-N1C		POC1/8-N1C		PCF1/8-N1C
	1/4" NPT		PC1/8-N2C				PCF1/8-N2C
	1/8" BSPT(R)				POC1/8-01C		PCF1/8-01C
	M3 x 0.5		PC1/8-M3C		POC1/8-M3C		PCF1/8-M3C
	M5 x 0.8		PC1/8-M5C		POC1/8-M5C		PCF1/8-M5C
	M6 x 1.0		PC1/8-M6C		POC1/8-M6C		PCF1/8-M6C
5/32"	10-32	PC5/32-U	PC5/32-UC	POC5/32-U	POC5/32-UC		PCF5/32-UC
	1/16" NPT		PC5/32-N0C		POC5/32-N0C		PCF5/32-N0C
	1/8" NPT	PC5/32-N1	PC5/32-N1C	POC5/32-N1	POC5/32-N1C	PCF5/32-N1	PCF5/32-N1C
	1/4" NPT	PC5/32-N2		POC5/32-N2		PCF5/32-N2	
	3/8" NPT	PC5/32-N3					
	1/8" BSPT(R)	PC5/32-01			POC5/32-01C	PCF5/32-01	PCF5/32-01C
	1/4" BSPT(R)	PC5/32-02				PCF5/32-02	
	3/8" BSPT(R)	PC5/32-03					
	M3 x 0.5		PC5/32-M3C		POC5/32-M3C	PCF5/32-M3C	PCF5/32-M3C
	M5 x 0.8		PC5/32-M5C		POC5/32-M5C	PCF5/32-M5C	PCF5/32-M5C
	M6 x 1.0		PC5/32-M6C		POC5/32-M6C		PCF5/32-M6C

Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Compact Hex Male Straight	Round Male Straight	Compact Round Male Straight	Hex Female Straight	Compact Hex Female Straight
3/16"	10-32	PC3/16-U		POC3/16-U			
	1/8" NPT	PC3/16-N1		POC3/16-N1	POC3/16-N1		
	1/4" NPT	PC3/16-N2		POC3/16-N2	POC3/16-N2		
	3/8" NPT	PC3/16-N3					
1/4"	10-32	PC1/4-U	PC1/4-UC	POC1/4-U	POC1/4-UC		PCF1/4-UC
	1/16" NPT		PC1/4-N0C		POC1/4-N0C		PCF1/4-N0C
	1/8" NPT	PC1/4-N1	PC1/4-N1C	POC1/4-N1	POC1/4-N1C	PCF1/4-N1	PCF1/4-N1C
	1/4" NPT	PC1/4-N2				PCF1/4-N2	
	3/8" NPT	PC1/4-N3				PCF1/4-N3	
	1/2" NPT	PC1/4-N4					
	1/8" BSPT(R)	PC1/4-01	PC1/4-01C	POC1/4-01	POC1/4-01	PCF1/4-01	PCF1/4-01C
	1/4" BSPT(R)	PC1/4-02		POC1/4-02		PCF1/4-02	
	3/8" BSPT(R)	PC1/4-03					
	1/2" BSPT(R)						
	M3 x 0.5						
	M5 x 0.8		PC1/4-M5C		POC1/4-M5C		PCF1/4-M5C
	M6 x 1.0		PC1/4-M6C		POC1/4-M6C		PCF1/4-M6C
5/16"	1/8" NPT	PC5/16-N1		POC5/16-N1		PCF5/16-N1	
	1/4" NPT	PC5/16-N2		POC5/16-N2		PCF5/16-N2	
	3/8" NPT	PC5/16-N3		POC5/16-N3		PCF5/16-N3	
	1/2" NPT	PC5/16-N4				PCF5/16-N4	
	1/8" BSPT(R)	PC5/16-01		POC5/16-01		PCF5/16-01	
	1/4" BSPT(R)	PC5/16-02		POC5/16-02		PCF5/16-02	
	3/8" BSPT(R)	PC5/16-03					
3/8"	1/8" NPT	PC3/8-N1		POC3/8-N1		PCF3/8-N1	
	1/4" NPT	PC3/8-N2		POC3/8-N2		PCF3/8-N2	
	3/8" NPT	PC3/8-N3		POC3/8-N3		PCF3/8-N3	
	1/2" NPT	PC3/8-N4		POC3/8-N4		PCF3/8-N4	
	1/8" BSPT(R)	PC3/8-01					
	1/4" BSPT(R)	PC3/8-02		POC3/8-02		PCF3/8-02	
	3/8" BSPT(R)	PC3/8-03		POC3/8-03		PCF3/8-03	
	1/2" BSPT(R)	PC3/8-04					
1/2"	1/8" NPT	PC1/2-N1					
	1/4" NPT	PC1/2-N2		POC1/2-N2		PCF1/2-N2	
	3/8" NPT	PC1/2-N3		POC1/2-N3		PCF1/2-N3	
	1/2" NPT	PC1/2-N4		POC1/2-N4		PCF1/2-N4	
	1/8" BSPT(R)						
	1/4" BSPT(R)	PC1/2-02					
	3/8" BSPT(R)	PC1/2-03					
	1/2" BSPT(R)	PC1/2-04					



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Compact Hex Male Straight	Round Male Straight	Compact Round Male Straight	Hex Female Straight	Compact Hex Female Straight
3mm	M3 x 0.5		PC03-M3C		POC03-M3C		
	M5 x 0.8		PC03-M5C		POC03-M5C		
	M6 x 1.0		PC03M6C		POC03-M6C		
	1/8" BSPT(R)		PC03-01C				
4mm	M3 x 0.5		PC04-M3C		POC04-M3C		PCF04-M3C
	M5 x 0.8	PC04-M5	PC04-M5C	POC04-M5	POC04-M5C	PCF04-M5	PCF04-M5C
	M6 x 1.0	PC04-M6	PC04-M6C	POC04-M6	POC04-M6C	PCF04-M6	PCF04-M6C
	1/8" BSPT(R)	PC04-01	PC04-01C	POC04-01	POC04-01C	PCF04-01	
	1/4" BSPT(R)	PC04-02		POC04-02		PCF04-02	PCF04-01C
	3/8" BSPT(R)	PC04-03		POC04-03		PCF04-03	
	1/8" BSPP(G)	PC04-G01	PC04-G01C			PCF04-G01	PCF04-G01C
	1/4" BSPP(G)	PC04-G02				PCF04-G02	
6mm	M5 x 0.8	PC06-M5	PC06-M5C	POC06-M5	POC06-M5C	PCF06-M5	PCF06-M5C
	M6 x 1.0	PC06-M6	PC06-M6C	POC06-M6	POC06-M6C	PCF06-M6	PCF06-M6C
	M12 x 1.5						
	1/8" BSPT(R)	PC06-01	PC06-01C	POC06-01	POC06-01C	PCF06-01	PCF06-01C
	1/4" BSPT(R)	PC06-02		POC06-02		PCF06-02	
	3/8" BSPT(R)	PC06-03		POC06-03		PCF06-03	
	1/2" BSPT(R)	PC06-04				PCF06-G01	
	1/8" BSPP(G)	PC06-G01	PC06-G01C			PCF06-G02	PCF06-G01C
	1/4" BSPP(G)	PC06-G02				PCF06-G03	
8mm	1/8" BSPT(R)	PC08-01		POC08-01		PCF08-01	
	1/4" BSPT(R)	PC08-02		POC08-02		PCF08-02	
	3/8" BSPT(R)	PC08-03		POC08-03		PCF08-03	
	1/2" BSPT(R)	PC08-04		POC08-04		PCF08-04	
	1/8" BSPP(G)	PC08-G01				PCF08-G01	
	1/4" BSPP(G)	PC08-G02				PCF08-G02	
	3/8" BSPP(G)	PC08-G03				PCF08-G03	
	1/2" BSPP(G)	PC08-G04				PCF08-G04	
10mm	1/8" BSPT(R)	PC10-01		POC10-01		PCF10-01	
	1/4" BSPT(R)	PC10-02		POC10-02		PCF10-02	
	3/8" BSPT(R)	PC10-03		POC10-03		PCF10-03	
	1/2" BSPT(R)	PC10-04		POC10-04		PCF10-04	
	1/8" BSPP(G)	PC10-G01				PCF10-G01	
	1/4" BSPP(G)	PC10-G02				PCF10-G02	
	3/8" BSPP(G)	PC10-G03				PCF10-G03	
	1/2" BSPP(G)	PC10-G04				PCF10-G04	

 **WARNING: Cancer and Reproductive Harm**
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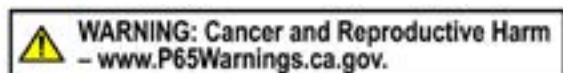
Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Round Male Straight	Hex Female Straight
12mm	1/8" BSPT(R)	PC12-01	POC12-01	PCF12-01
	1/4" BSPT(R)	PC12-02	POC12-02	PCF12-02
	3/8" BSPT(R)	PC12-03	POC12-03	PCF12-03
	1/2" BSPT(R)	PC12-04	POC12-04	PCF12-04
	1/4" BSPP(G)	PC12-G02		PCF12-G02
	3/8" BSPP(G)	PC12-G03		PCF12-G03
	1/2" BSPP(G)	PC12-G04		PCF12-G04
14MM	3/8" BSPT(R)	PC14-03		
	1/2" BSPT(R)	PC14-04		
16MM	3/8" BSPP(G)	PC16-G03		
	1/2" BSPP(G)	PC16-G04		



Tube OD	Thread	Swivel Male Elbow	Compact Swivel Male Elbow	Swivel Female Elbow	Swivel Male Branch Tee	Compact Swivel Male Branch Tee	Swivel Female Branch Tee
1/8"	10-32		PL1/8-UC			PT1/8-UC	
	1/16" NPT		PL1/8-N0C			PT1/8-N0C	
	1/8" NPT		PL1/8-N1C			PT1/8-N1C	
	1/4" NPT		PL1/8-N2C				
	1/8" BSPT(R)		PL1/8-01C				
	M3 x 0.5		PL1/8-M3C			PT1/8-M3C	
	M5 x 0.8		PL1/8-M5C			PT1/8-M5C	
	M6 x 1.0		PL1/8-M6C			PT1/8-M6C	
5/32"	10-32	PL5/32-U	PL5/32-UC	PLF5/32-U	PT5/32-U	PT5/32-UC	PTF5/32-U
	1/16" NPT		PL5/32-N0C				
	1/8" NPT	PL5/32-N1	PL5/32-N1C	PLF5/32-N1	PT5/32-N1		PTF5/32-N1
	1/4" NPT	PL5/32-N2		PLF5/32-N2	PT5/32-N2		PTF5/32-N2
	1/8" BSPT(R)	PL5/32-01	PL5/32-01C		PT5/32-01	PT5/32-01C	
	1/4" BSPT(R)	PL5/32-02			PT5/32-02		
	M3 x 0.5		PL5/32-M3C			PT5/32-M3C	
	M5 x 0.8		PL5/32-M5C			PT5/32-M5C	
	M6 x 1.0		PL5/32-M6C			PT5/32-M6C	
3/16"	10-32	PL3/16-U		PLF3/16-U	PT3/16-U		PTF3/16-U
	1/8" NPT	PL3/16-N1		PLF3/16-N1	PT3/16-N1		PTF3/16-N1
	1/4" NPT	PL3/16-N2		PLF3/16-N2	PT3/16-N2		PTF3/16-N2
	3/8" NPT	PL3/16-N3			PT3/16-N3		



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Elbow	Compact Swivel Male Elbow	Swivel Female Elbow	Swivel Male Branch Tee	Compact Swivel Male Branch Tee	Swivel Female Branch Tee
1/4"	10-32	PL1/4-U	PL1/4-UC	PLF1/4-U	PT1/4-U	PT1/4-UC	PTF1/4-U
	1/16" NPT		PL1/4-N0C			PT1/4-N0C	
	1/8" NPT	PL1/4-N1	PL1/4-N1C	PLF1/4-N1	PT1/4-N1	PT1/4-01C	PTF1/4-N1
	1/4" NPT	PL1/4-N2		PLF1/4-N2	PT1/4-N2		PTF1/4-N2
	3/8" NPT	PL1/4-N3		PLF1/4-N3	PT1/4-N3		PTF1/4-N3
	1/2" NPT	PL1/4-N4					
	1/8" BSPT(R)	PL1/4-01	PL1/4-01C		PT1/4-01		PTF1/4-01
	1/4" BSPT(R)	PL1/4-02			PT1/4-02		PTF1/4-02
	3/8" BSPT(R)	PL1/4-03			PT1/4-03		
	M5 x 0.8		PL1/4-M5C			PT1/4-M5C	
	M6 x 1.0		PL1/4-M6C			PT1/4-M6C	
5/16"	1/8" NPT	PL5/16-N1		PLF5/16-N1	PT5/16-N1		PTF5/16-N1
	1/4" NPT	PL5/16-N2		PLF5/16-N2	PT5/16-N2		PTF5/16-N2
	3/8" NPT	PL5/16-N3		PLF5/16-N3	PT5/16-N3		PTF5/16-N3
	1/2" NPT	PL5/16-N4			PT5/16-N4		
	1/8" BSPT(R)	PL5/16-01			PT5/16-01		PTF5/16-01
	1/4" BSPT(R)	PL5/16-02			PT5/16-02		PTF5/16-02
	3/8" BSPT(R)	PL5/16-03			PT5/16-03		PTF5/16-03
	1/2" BSPT(R)				PT5/16-04		
3/8"	1/8" NPT	PL3/8-N1		PLF3/8-N1	PT3/8-N1		PTF3/8-N1
	1/4" NPT	PL3/8-N2		PLF3/8-N2	PT3/8-N2		PTF3/8-N2
	3/8" NPT	PL3/8-N3		PLF3/8-N3	PT3/8-N3		PTF3/8-N3
	1/2" NPT	PL3/8-N4		PLF3/8-N4	PT3/8-N4		PTF3/8-N4
	1/8" BSPT(R)	PL3/8-01			PT3/8-01		
	1/4" BSPT(R)	PL3/8-02			PT3/8-02		PTF3/8-02
	3/8" BSPT(R)	PL3/8-03			PT3/8-03		PTF3/8-03
	1/2" BSPT(R)	PL3/8-04			PT3/8-04		
1/2"	1/4" NPT	PL1/2-N2		PLF1/2-N2	PT1/2-N2		
	3/8" NPT	PL1/2-N3		PLF1/2-N3	PT1/2-N3		PTF1/2-N3
	1/2" NPT	PL1/2-N4		PLF1/2-N4	PT1/2-N4		PTF1/2-N4
	1/4" BSPT(R)	PL1/2-02			PT1/2-02		
	3/8" BSPT(R)	PL1/2-03			PT1/2-03		PTF1/2-03
	1/2" BSPT(R)	PL1/2-04			PT1/2-04		PTF1/2-04

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Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Elbow	Compact Swivel Male Elbow	Swivel Female Elbow	Swivel Male Branch Tee	Compact Swivel Male Branch Tee	Swivel Female Branch Tee
3MM	M3 x 0.5		PL03-M3C			PT03-M3C	
	M5 x 0.8		PL03-M5C			PT03-M5C	
	M6 x 1.0		PL03-M6C			PT03-M6C	
4mm	1/8" BSPT(R)	PL04-01	PL04-01C	PLF04-01	PT04-01	PT04-01C	PTF04-01
	1/4" BSPT(R)	PL04-02		PLF04-02	PT04-02		PTF04-02
	3/8" BSPT(R)	PL04-03			PT04-03		
	1/8" BSPP(G)	PL04-G01		PLF04-G01	PT04-G01		PTF04-G01
	1/4" BSPP(G)	PL04-G02		PLF04-G02	PT04-G02		PTF04-G02
	3/8" BSPP(G)	PL04-G03			PT04-G03		
	M3 x 0.5		PL04-M3C			PT04-M3C	
	M5 x 0.8	PL04-M5	PL04-M5C	PLF04-M5	PT04-M5	PT04-M5C	PTF04-M5
	M6 x 1.0	PL04-M6	PL04-M6C	PLF04-M6	PT04-M6	PT04-M6C	PTF04-M6
6mm	1/8" BSPT(R)	PL06-01	PL06-01C	PLF06-01	PT06-01	PT06-01C	PTF06-01
	1/4" BSPT(R)	PL06-02		PLF06-02	PT06-02		PTF06-02
	3/8" BSPT(R)	PL06-03		PLF06-03	PT06-03		PTF06-03
	1/2" BSPT(R)	PL06-04		PLF06-04	PT06-04		
	1/8" BSPP(G)	PL06-G01		PLF06-G01	PT06-G01		PTF06-G01
	1/4" BSPP(G)	PL06-G02		PLF06-G02	PT06-G02		PTF06-G02
	3/8" BSPP(G)	PL06-G03		PLF06-G03	PT06-G03		PTF06-G03
	1/2" BSPP(G)				PT06-G04		
	M5 x 0.8	PL06-M5	PL06-M5C	PLF06-M5	PT06-M5	PT06-M5C	PTF06-M5
	M6 x 1.0	PL06-M6	PL06-M6C	PLF06-M6	PT06-M6	PT06-M6C	PTF06-M6
8mm	1/8" BSPT(R)	PL08-01		PLF08-01	PT08-01		PTF08-01
	1/4" BSPT(R)	PL08-02		PLF08-02	PT08-02		PTF08-02
	3/8" BSPT(R)	PL08-03		PLF08-03	PT08-03		PTF08-03
	1/2" BSPT(R)	PL08-04		PLF08-04	PT08-04		PTF08-04
	1/8" BSPP(G)	PL08-G01		PLF08-G01	PT08-G01		PTF08-G01
	1/4" BSPP(G)	PL08-G02		PLF08-G02	PT08-G02		PTF08-G02
	3/8" BSPP(G)	PL08-G03		PLF08-G03	PT08-G03		PTF08-G03
	1/2" BSPP(G)	PL08-G04		PLF08-G04	PT08-G04		PTF08-G04
10mm	1/8" BSPT(R)	PL10-01		PLF10-01	PT10-01		PTF10-01
	1/4" BSPT(R)	PL10-02		PLF10-02	PT10-02		PTF10-02
	3/8" BSPT(R)	PL10-03		PLF10-03	PT10-03		PTF10-03
	1/2" BSPT(R)	PL10-04		PLF10-04	PT10-04		PTF10-04
	1/8" BSPP(G)	PL10-G01		PLF10-G01	PT10-G01		PTF10-G01
	1/4" BSPP(G)	PL10-G02		PLF10-G02	PT10-G02		PTF10-G02
	3/8" BSPP(G)	PL10-G03		PLF10-G03	PT10-G03		PTF10-G03
	1/2" BSPP(G)	PL10-G04		PLF10-G04	PT10-G04		PTF10-G04



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Elbow	Swivel Female Elbow	Swivel Male Branch Tee	Swivel Female Branch Tee
12mm	1/8" BSPT(R)	PL12-01		PT12-01	
	1/4" BSPT(R)	PL12-02	PLF12-02	PT12-02	PTF12-02
	3/8" BSPT(R)	PL12-03	PLF12-03	PT12-03	PTF12-03
	1/2" BSPT(R)	PL12-04	PLF12-04	PT12-04	PTF12-04
	1/4" BSPP(G)	PL12-G02	PLF12-G02	PT12-G02	PTF12-G02
	3/8" BSPP(G)	PL12-G03	PLF12-G03	PT12-G03	PTF12-G03
	1/2" BSPP(G)	PL12-G04	PLF12-G04	PT12-G04	PTF12-G04
14mm	3/8" BSPT(R)	PL14-03			
	1/2" BSPT(R)	PL14-04			
	3/8" BSPT(R)	PL14-G03			
	1/2" BSPT(R)	PL14-G04			
16mm	3/8" BSPT(R)	PL16-03		PT16-03	
	1/2" BSPT(R)	PL16-04		PT16-04	
	3/8" BSPP(G)	PL16-G03	PLF16-G03	PT16-G03	
	1/2" BSPP(G)	PL16-G04	PLF16-G04	PT16-G04	



Tube OD	Thread	Swivel Male Elbow - Long	Compact Swivel Male Elbow - Long	Swivel Male Elbow - 45°
1/8"	10-32		PLL1/8-UC	
	1/16" NPT		PLL1/8-N0C	
	1/8" NPT		PLL1/8-N1C	
	M3 x 0.5		PLL1/8-M3C	
	M5 x 0.8		PLL1/8-M5C	
	M6 x 1.0		PLL1/8-M6C	
5/32"	10-32	PLL5/32-U	PLL5/32-UC	PL45 5/32-U
	1/16" NPT		PLL5/32-N0C	
	1/8" NPT	PLL5/32-N1	PLL5/32-N1C	PL45 5/32-N1
	1/4" NPT	PLL5/32-N2		PL45 5/32-N2
	1/8" BSPT(R)		PLL5/32-01C	
	M3 x 0.5		PLL5/32-M3C	
	M5 x 0.8		PLL5/32-M5C	
	M6 x 1.0		PLL5/32-M6C	
3/16"	10-32	PLL3/16-U		
	1/8" NPT	PLL3/16-N1		
	1/4" NPT	PLL3/16-N2		
	3/8" NPT	PLL3/16-N3		



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Elbow - Long	Compact Swivel Male Elbow - Long	Swivel Male Elbow - 45°
1/4"	10-32	PLL1/4-U	PLL1/4-UC	PL45 1/4-U
	1/16" NPT		PLL1/4-N0C	
	1/8" NPT	PLL1/4-N1	PLL1/4-N1C	PL45 1/4-N1
	1/4" NPT	PLL1/4-N2		PL45 1/4-N2
	3/8" NPT	PLL1/4-N3		PL45 1/4-N3
	1/8" BSPT(R)	PLL1/4-01	PLL1/4-01C	PL45 1/4-01
	1/4" BSPT(R)	PLL1/4-02		PL45 1/4-02
	3/8" BSPT(R)			PL45 1/4-03
	M5 x 0.8		PLL1/4-M5C	
	M6 x 1.0		PLL1/4-M6C	
5/16"	1/8" NPT	PLL5/16-N1		PL45 5/16-N1
	1/4" NPT	PLL5/16-N2		PL45 5/16-N2
	3/8" NPT	PLL5/16-N3		PL45 5/16-N3
	1/2" NPT			PL45 5/16-N4
	1/8" BSPT(R)	PLL5/16-01		PL45 5/16-01
	1/4" BSPT(R)	PLL5/16-02		PL45 5/16-02
	3/8" BSPT(R)			PL45 5/16-03
3/8"	1/8" NPT			PL45 3/8-N1
	1/4" NPT	PLL3/8-N2		PL45 3/8-N2
	3/8" NPT	PLL3/8-N3		PL45 3/8-N3
	1/2" NPT	PLL3/8-N4		PL45 3/8-N4
	1/8" NPT	PLL3/8-01		PL45 3/8-01
	1/4" BSPT(R)	PLL3/8-02		PL45 3/8-02
	3/8" BSPT(R)	PLL3/8-03		PL45 3/8-03
	1/2" BSPT(R)			PL45 3/8-04
1/2"	1/4" NPT	PLL1/2-N2		PL45 1/2-N2
	3/8" NPT	PLL1/2-N3		PL45 1/2-N3
	1/2" NPT	PLL1/2-N4		PL45 1/2-N4
	3/8" BSPT(R)			PL45 1/2-03
	1/2" BSPT(R)			PL45 1/2-04

Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Elbow - Long	Compact Swivel Male Elbow - Long	Swivel Male Elbow - Extended	Swivel Male Elbow - 45°
3mm	M3 x 0.5		PLL03-M3C		
	M5 x 0.8		PLL03-M5C		
	M6 x 1.0		PLL03-M6C		
4mm	1/8" BSPT(R)	PLL04-01	PLL04-01C	PLLP04-01	PL45 04-01
	1/4" BSPT(R)	PLL04-02		PLLP04-02	PL45 04-02
	3/8" BSPT(R)	PLL04-03		PLLP04-03	PL45 04-03
	1/8" BSPP(G)	PLL04-G01	PLL04-G01C		
	1/4" BSPP(G)	PLL04-G02		PLLP04-G02	
	3/8" BSPP(G)	PLL04-G03		PLLP04-G03	
	M3 x 0.5		PLL04-M3C		
	M5 x 0.8	PLL04-M5	PLL04-M5C	PLLP04-M5	PL45 04-M5
6mm	M6 x 1.0	PLL04-M6	PLL04-M6C	PLLP04-M6	PL45 04-M6
	1/8" BSPT(R)	PLL06-01	PLL06-01C	PLLP06-01	PL45 06-01
	1/4" BSPT(R)	PLL06-02		PLLP06-02	PL45 06-02
	3/8" BSPT(R)	PLL06-03		PLLP06-03	PL45 06-03
	1/2" BSPT(R)	PLL06-04		PLLP06-04	PL45 06-04
	1/8" BSPP(G)	PLL06-G01	PLL06-G01C	PLLP06-G01	
	1/4" BSPP(G)	PLL06-G02		PLLP06-G02	
	3/8" BSPP(G)	PLL06-G03		PLLP06-G03	
8mm	M5 x 0.8	PLL06-M5	PLL06-M5C	PLLP06-M5	PL45 06-M5
	M6 x 1.0	PLL06-M6	PLL06-M6C	PLLP06-M6	PL45 06-M6
	1/8" BSPT(R)	PLL08-01		PLLP08-01	PL45 08-01
	1/4" BSPT(R)	PLL08-02		PLLP08-02	PL45 08-02
	3/8" BSPT(R)	PLL08-03		PLLP08-03	PL45 08-03
	1/2" BSPT(R)	PLL08-04		PLLP08-04	PL45 08-04
	1/8" BSPP(G)	PLL08-G01		PLLP08-G01	
	1/4" BSPP(G)	PLL08-G02		PLLP08-G02	
10mm	3/8" BSPP(G)	PLL08-G03		PLLP08-G03	
	1/2" BSPP(G)	PLL08-G04		PLLP08-G04	
	1/8" BSPT(R)	PLL10-01		PLLP10-01	PL45 10-01
	1/4" BSPT(R)	PLL10-02		PLLP10-02	PL45 10-02
	3/8" BSPT(R)	PLL10-03		PLLP10-03	PL45 10-03
	1/2" BSPT(R)	PLL10-04		PLLP10-04	PL45 10-04
	1/8" BSPP(G)	PLL10-G01		PLLP10-G01	
	1/4" BSPP(G)	PLL10-G02		PLLP10-G02	
12mm	3/8" BSPP(G)	PLL10-G03		PLLP10-G03	
	1/2" BSPP(G)	PLL10-G04		PLLP10-G04	
	1/8" BSPT(R)	PLL12-01		PLLP12-01	PL45 12-01
	1/4" BSPT(R)	PLL12-02		PLLP12-02	PL45 12-02
	3/8" BSPT(R)	PLL12-03		PLLP12-03	PL45 12-03
	1/2" BSPT(R)	PLL12-04		PLLP12-04	PL45 12-04
	1/4" BSPP(G)	PLL12-G02		PLLP12-G02	
	3/8" BSPP(G)	PLL12-G03		PLLP12-G03	
16mm	1/2" BSPP(G)	PLL12-G04		PLLP12-G04	
	3/8" BSPT(R)	PLL16-03			
	1/2" BSPT(R)	PLL16-04			
16mm	3/8" BSPP(G)	PLL16-G03			



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Run Tee	Compact Swivel Male Run T	Swivel Male Y	Bulkhead Female Union	Swivel Male Banjo
1/8"	10-32		PST1/8-UC			
	1/16" NPT		PST1/8-N0C			
	1/8" NPT		PST1/8-N1C			
	1/8" BSPT(R)		PST1/8-01C			
	M3 x 0.5		PST1/8-M3C			
	M5 x 0.8		PST1/8-M5C			
	M6 x 1.0		PST1/8-M6C			
5/32"	10-32	PST5/32-U	PST5/32-UC	PWT5/32-U		PH5/32-U
	1/16" NPT		PST5/32-N0C			
	1/8" NPT	PST5/32-N1	PST5/32-N1C	PWT5/32-N1	PMF5/32-N1	PH5/32-N1
	1/4" NPT	PST5/32-N2		PWT5/32-N2		PH5/32-N2
	1/8" BSPT(R)	PST5/32-01	PST5/32-01C	PWT5/32-01	PMF5/32-01	PH5/32-01
	1/4" BSPT(R)	PST5/32-02		PWT5/32-02		
	M3 x 0.5		PST5/32-M3C			
	M5 x 0.8		PST5/32-M5C			
	M6 x 1.0		PST5/32-M6C			
3/16"	10-32			PWT3/16-U		
	1/8" NPT			PWT3/16-N1	PMF3/16-N1	
	1/4" NPT			PWT3/16-N2	PMF3/16-N2	
	3/8" NPT			PWT3/16-N3		
1/4"	10-32	PST1/4-U	PST1/4-UC	PWT1/4-U		PH1/4-U
	1/16" NPT		PST1/4-N0C			
	1/8" NPT	PST1/4-N1	PST1/4-N1C	PWT1/4-N1	PMF1/4-N1	PH1/4-N1
	1/4" NPT	PST1/4-N2		PWT1/4-N2	PMF1/4-N2	PH1/4-N2
	3/8" NPT	PST1/4-N3		PWT1/4-N3		PH1/4-N3
	1/8" BSPT(R)	PST1/4-01	PST1/4-01C	PWT1/4-01	PMF1/4-01	PH1/4-01
	1/4" BSPT(R)	PST1/4-02		PWT1/4-02	PMF1/4-02	PH1/4-02
	3/8" BSPT(R)	PST1/4-03		PWT1/4-03	PMF1/4-03	PH1/4-03
	M3 x 0.5					
	M5 x 0.8		PST1/4-M5C			
	M6 x 1.0		PST1/4-M6C			
5/16"	1/8" NPT	PST5/16-N1		PWT5/16-N1	PMF5/16-N1	PH5/16-N1
	1/4" NPT	PST5/16-N2		PWT5/16-N2	PMF5/16-N2	PH5/16-N2
	3/8" NPT	PST5/16-N3		PWT5/16-N3	PMF5/16-N3	PH5/16-N3
	1/2" NPT	PST5/16-N4		PWT5/16-N4		PH5/16-N4
	1/8" BSPT(R)	PST5/16-01		PWT5/16-01	PMF5/16-01	PH5/16-01
	1/4" BSPT(R)	PST5/16-02		PWT5/16-02	PMF5/16-02	PH5/16-02
	3/8" BSPT(R)	PST5/16-03		PWT5/16-03	PMF5/16-03	PH5/16-03
	1/2" BSPT(R)	PST5/16-04				

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Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Run Tee	Swivel Male Y	Bulkhead Female Union	Swivel Male Banjo
3/8"	1/8" NPT	PST3/8-N1	PWT3/8-N1		
	1/4" NPT	PST3/8-N2	PWT3/8-N2	PMF3/8-N2	PH3/8-N2
	3/8" NPT	PST3/8-N3	PWT3/8-N3	PMF3/8-N3	PH3/8-N3
	1/2" NPT	PST3/8-N4	PWT3/8-N4		PH3/8-N4
	1/8" BSPT(R)	PST3/8-01			
	1/4" BSPT(R)	PST3/8-02	PWT3/8-02	PMF3/8-N02	PH3/8-02
	3/8" BSPT(R)	PST3/8-03	PWT3/8-03	PMF3/8-N03	PH3/8-03
	1/2" BSPT(R)	PST3/8-04	PWT3/8-04		PH3/8-04
1/2"	1/4" NPT	PST1/2-N2	PWT1/2-N2	PMF1/2-N2	PH1/2-N2
	3/8" NPT	PST1/2-N3	PWT1/2-N3	PMF1/2-N3	PH1/2-N3
	1/2" NPT	PST1/2-N4	PWT1/2-N4	PMF1/2-N4	PH1/2-N4
	1/4" BSPT(R)	PST1/2-02	PWT1/2-02	PMF1/2-02	PH1/2-02
	3/8" BSPT(R)	PST1/2-03	PWT1/2-03	PMF1/2-03	PH1/2-03
	1/2" BSPT(R)	PST1/2-04	PWT1/2-04	PMF1/2-04	PH1/2-04

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Tube OD	Thread	Swivel Male Run Tee	Compact Swivel Male Run Tee	Swivel Male Y	Bulkhead Female Union	Swivel Male Banjo
4mm	1/8" BSPT(R)	PST04-01	PST04-01C	PWT04-01	PMF04-01	PH04-01
	1/4" BSPT(R)	PST04-02		PWT04-02	PMF04-02	PH04-02
	3/8" BSPT(R)	PST04-03		PWT04-03	PMF04-03	PH04-03
	1/8" BSPP(G)	PST04-G01	PST04-G01C	PWT04-G01	PMF04-G01	PH04-G01
	1/4" BSPP(G)	PST04-G02		PWT04-G02	PMF04-G02	PH04-G02
	3/8" BSPP(G)	PST04-G03		PWT04-G03	PMF04-G03	PH04-G03
	M3 x 0.5		PST04-M3C			
	M5 x 0.8	PST04-M5	PST04-M5C	PWT04-M5		PH04-M5
6mm	M6 x 1.0	PST04-M6	PST04-M6C	PWT04-M6		PH04-M6
	1/8" BSPT(R)	PST06-01	PST06-01C	PWT06-01	PMF06-01	PH06-01
	1/4" BSPT(R)	PST06-02		PWT06-02	PMF06-02	PH06-02
	3/8" BSPT(R)	PST06-03		PWT06-03	PMF06-03	PH06-03
	1/2" BSPT(R)	PST06-04		PWT06-04		PH06-04
	1/8" BSPP(G)	PST06-G01	PST06-G01C	PWT06-G01	PMF06-G01	PH06-G01
	1/4" BSPP(G)	PST06-G02		PWT06-G02	PMF06-G02	PH06-G02
	3/8" BSPP(G)	PST06-G03		PWT06-G03	PMF06-G03	PH06-G03
	1/2" BSPP(G)	PST06-G04		PWT06-G04		
	M5 x 0.8	PST06-M5	PST06-M5C	PWT06-M5		PH06-M5
	M6 x 1.0	PST06-M6	PST06-M6C	PWT06-M6		PH06-M6
	M12 x 1.5	PST06-M12				
	M16 x 1.5	PST06-M16				

Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Run Tee	Swivel Male Y	Bulkhead Female Union	Swivel Male Banjo
8mm	1/8" BSPT(R)	PST08-01	PWT08-01	PMF08-01	PH08-01
	1/4" BSPT(R)	PST08-02	PWT08-02	PMF08-02	PH08-02
	3/8" BSPT(R)	PST08-03	PWT08-03	PMF08-03	PH08-03
	1/2" BSPT(R)	PST08-04	PWT08-04	PMF08-04	PH08-04
	1/8" BSPP(G)	PST08-G01	PWT08-G01	PMF08-G01	PH08-G01
	1/4" BSPP(G)	PST08-G02	PWT08-G02	PMF08-G02	PH08-G02
	3/8" BSPP(G)	PST08-G03	PWT08-G03	PMF08-G03	PH08-G03
	1/2" BSPP(G)	PST08-G04	PWT08-G04	PMF08-G04	PH08-G04
	M12 x 1.5	PST08-M12			
	M16 x 1.5	PST08-M16			
	M22 x 1.5	PST08-M22			
10mm	1/8" BSPT(R)	PST10-01	PWT10-01	PMF10-01	PH10-01
	1/4" BSPT(R)	PST10-02	PWT10-02	PMF10-02	PH10-02
	3/8" BSPT(R)	PST10-03	PWT10-03	PMF10-03	PH10-03
	1/2" BSPT(R)	PST10-04	PWT10-04	PMF10-04	PH10-04
	1/8" BSPP(G)	PST10-G01	PWT10-G01	PMF10-G01	
	1/4" BSPP(G)	PST10-G02	PWT10-G02	PMF10-G02	PH10-G02
	3/8" BSPP(G)	PST10-G03	PWT10-G03	PMF10-G03	PH10-G03
	1/2" BSPP(G)	PST10-G04	PWT10-G04	PMF10-G04	PH10-G04
	M12 x 1.5	PST10-M12			
	M16 x 1.5	PST10-M16			
	M22 x 1.5	PST10-M22			
12mm	1/8" BSPT(R)	PST12-01	PWT12-01	PMF12-01	
	1/4" BSPT(R)	PST12-02	PWT12-02	PMF12-02	PH12-02
	3/8" BSPT(R)	PST12-03	PWT12-03	PMF12-03	PH12-03
	1/2" BSPT(R)	PST12-04	PWT12-04	PMF12-04	PH12-04
	1/4" BSPP(G)	PST12-G02	PWT12-G02	PMF12-G02	
	3/8" BSPP(G)	PST12-G03	PWT12-G03	PMF12-G03	PH12-G03
	1/2" BSPP(G)	PST12-G04	PWT12-G04	PMF12-G04	PH12-G04
	M12 x 1.5	PST12-M12			
	M14 x 1.5	PST12-M14			
	M16 x 1.5	PST12-M16			
	M22 x 1.5	PST12-M22			

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Technifit™ Resin Push-to-Connect Fittings



Tube OD	Union Straight	Compact Union	Union Elbow	Compact Union Elbow	Union Cross	Plug
1/8"		PUC1/8C		PUL1/8C		
5/32"	PUC5/32	PUC5/32	PUL5/32	PUL5/32C	PZA5/32	PP5/32
3/16"	PUC3/16		PUL3/16		PZA3/16	PP3/16
1/4"	PUC1/4	PUC1/4C	PUL1/4	PUL1/4C	PZA1/4	PP1/4
5/16"	PUC5/16		PUL5/16		PZA5/16	PP5/16
3/8"	PUC3/8		PUL3/8		PZA3/8	PP3/8
1/2"	PUC1/2		PUL1/2		PZA1/2	PP1/2
3mm		PUC03C		PUL03C		
4mm	PUC04	PUC04C	PUL04	PUL04C	PZA04	PP04
6mm	PUC06	PUC06C	PUL06	PUL06C	PZA06	PP06
8mm	PUC08		PUL08		PZA08	PP08
10mm	PUC10		PUL10		PZA10	PP10
12mm	PUC12		PUL12		PZA12	PP12
14mm	PUC14		PUL14			
16mm	PUC16		PUL16			PP16



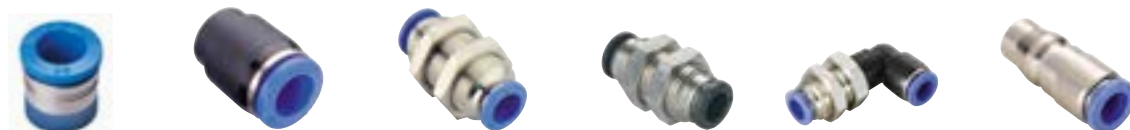
Tube OD	Union Tee	Compact Union Tee	Union Y	Compact Union Y	Plug-In Tube Splicer
1/8"		PUT1/8C		PY1/8C	
5/32"	PUT5/32	PUT5/32C	PY5/32	PY5/32C	PIJ5/32
3/16"	PUT3/16		PY3/16		PIJ3/16
1/4"	PUT1/4	PUT1/4C	PY1/4	PY1/4C	PIJ1/4
5/16"	PUT5/16		PY5/16		PIJ5/16
3/8"	PUT3/8		PY3/8		PIJ3/8
1/2"	PUT1/2		PY1/2		PIJ1/2
3mm		PUT03C		PY03C	
4mm	PUT04		PY04	PY04C	PIJ04
6mm	PUT06	PUT06C	PY06	PY06C	PIJ06
8mm	PUT08		PY08		PIJ08
10mm	PUT10		PY10		PIJ10
12mm	PUT12		PY12		PIJ12
14mm	PUT14				PIJ14
16mm	PUT16		PY16		PIJ16

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Technifit™ Resin Push-to-Connect Fittings



Tube 1 OD	Tube 2 OD	Union Triple Branch	Union Reducer Double Y	Union Six Port Branch	Union Check Valve	Union Stop Fitting	Union Hand Valve
5/32 (4mm)	5/32 (4mm)				CVPU5/32 (4MM)	SPU5/32 (4MM)	
3/16"	5/32 (4mm)	PKG3/16-5/32					
	3/16"				CVPU3/16	SPU3/16	
1/4"	5/32 (4mm)	PKG1/4-5/32					
	1/4"				CVPU1/4	SPU1/4	HVU1/4-1/4
5/16" (8mm)	5/32 (4mm)	PKG5/16-5/32					
	3/16"	PKG5/16-3/16					
	1/4"	PKG5/16-1/4					HVU5/16-1/4
	5/16" (8mm)				CVPU5/16 (8MM)	SPU5/16 (8MM)	HVU5/16-5/16
3/8"	1/4"	PKG3/8-1/4					
	5/16" (8mm)	PKG3/8-5/16					HVU3/8-5/16
	3/8"				CVPU3/8	SPU3/8	HVU3/8-3/8
1/2"	3/8"						HVU1/2-3/8
	1/2"				CVPU1/2	SPU1/2	HVU1/2-1/2
6mm	4mm (5/32")	PKG0604	PXG06-04				
	6mm				CVPU06	SPU06	HVU06-06
8mm (5/16")	4mm (5/32")	PKG0804		PMG0804			
	6mm	PKG0806	PXG08-06				HVU08-06
	8mm (5/16")						HVU08-08
10mm	6mm	PKG1006		PMG1006			
	8mm (5/16")	PKG1008		PMG1006			HVU10-08
	10mm				CVPU10	SPU10	HVU10-10
12mm	8MM			PMG1208			
	10mm						HVU12-10
	12mm				CVPU12	SPU12	HVU12-12



Tube OD	Cartridge Fitting	Cap	Bulkhead Union	Compact Bulkhead Union	Union Bulkhead Elbow	Coupler Plug
5/32"	CAS5/32	PPF5/32	PMM5/32	PMM5/32C	PLM5/32	PCP5/32
3/16"	CAS3/16	PPF3/16	PMM3/16		PLM3/16	PCP3/16
1/4"	CAS1/4	PPF1/4	PMM1/4		PLM1/4	PCP1/4
5/16"	CAS5/16	PPF5/16	PMM5/16		PLM5/16	PCP5/16
3/8"	CAS3/8	PPF3/8	PMM3/8		PLM3/8	PCP3/8
1/2"	CAS1/2	PPF1/2	PMM1/2		PLM1/2	PCP1/2
3mm				PMM03C		
4mm	CAS04	PPF04	PMM04	PMM04C	PLM04	PCP04
6mm	CAS06	PPF06	PMM06	PMM06C	PLM06	PCP06
8mm	CAS08	PPF08	PMM08		PLM08	PCP08
10mm	CAS10	PPF10	PMM10		PLM10	PCP10
12mm	CAS12	PPF12	PMM12		PLM12	PCP12
16mm		PPF16	PMM16			PCP16

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Technifit™ Resin Push-to-Connect Fittings



Tube 1 OD	Tube 2 OD	Union Reducer	Compact Union Reducer	Union Reducer Y	Compact Union Reducer Y	Union Reducer Tee	Reducer Tube Splicer
3/16"	5/32"	PG3/16-5/32		PW3/16-5/32	PW3/16-5/32C		PIG3/16-5/32
5/32"	1/8"		PG5/32-1/8C				
	1/4"					PGT5/32-1/4	
1/4"	1/8"		PG1/4-1/8C		PW1/4-1/8C		
	5/32"	PG1/4-5/32	PG1/4-5/32C	PW1/4-5/32	PW1/4-5/32C	PGT1/4-5/32	PIG1/4-5/32
	3/16"	PG1/4-3/16		PW1/4-3/16			PIG1/4-3/16
	5/16"					PGT1/4-5/16	
5/16"	5/32"	PG5/16-5/32		PW5/16-5/32			
	1/4"	PG5/16-1/4		PW5/16-1/4		PGT5/16-1/4	PIG5/16-1/4
	3/8"					PGT5/16-3/8	
3/8"	1/4"	PG3/8-1/4		PW3/8-1/4		PGT3/8-1/4	PIG3/8-1/4
	5/16"	PG3/8-5/16		PW3/8-5/16		PGT3/8-5/16	PIG3/8-5/16
	1/2"					PGT3/8-1/2	
1/2"	1/4"						
	3/8"	PG1/2-3/8		PW1/2-3/8		PGT1/2-3/8	PIG1/2-3/8
4mm	3mm		PG04-03C		PW04-03C		
	6mm					PGT0406	
6mm	3mm		PG06-03C		PW06-03C		
	4mm	PG06-04	PG06-04C	PW0604	PW06-04C	PGT0604	PIG06-04
	8mm					PGT0608	
8mm	4mm	PG08-04		PW0804		PGT0804	PIG08-04
	6mm	PG08-06		PW0806		PGT0806	PIG08-06
	10mm					PGT0810	
10mm	6mm	PG10-06		PW1006		PGT1006	PIG10-06
	8mm	PG10-08		PW1008		PGT1008	PIG10-08
	12mm					PGT1012	
12mm	8mm	PG12-08		PW1208		PGT1208	PIG12-08
	10mm	PG12-10		PW1210		PGT1210	PIG12-10
14mm	12mm	PG14-12					
16mm	10mm					PGT1610	
	12mm	PG16-12		PW1612		PGT1612	PIG16-12

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Technifit™ Resin Push-to-Connect Fittings



Tube 1 OD (Plug)	Tube 2 OD (PTC Port)	Plug-In Reducer	Compact Plug-In Reducer	Plug-In Elbow	Plug-In Y
1/8"	1/4"	PGJ1/8-1/4			
5/32"	1/8"	PGJ5/32-1/8	PGJ5/32-1/8C		
	5/32"			PLJ5/32	PYJ5/32
	1/4"	PGJ5/32-1/4			
3/16"	3/16"			PLJ3/16	PYJ3/16
1/4"	1/8"		PGJ1/4-1/8C		
	5/32"	PGJ1/4-5/32	PGJ1/4-5/32C	PLJ1/4-5/32	PWJ1/4-5/32
	1/4"			PLJ1/4	PYJ1/4
5/16"	5/32"	PGJ5/16-5/32			
	1/4"	PGJ5/16-1/4		PLJ5/16-1/4	PWJ5/16-1/4
	5/16"			PLJ5/16	PYJ5/16
3/8"	1/4"	PGJ3/8-1/4		PLJ3/8-1/4	PWJ3/8-1/4
	5/16"	PGJ3/8-5/16		PLJ3/8-5/16	PWJ3/8-5/16
	3/8"			PLJ3/8	PYJ3/8
1/2"	1/4"	PGJ1/2-1/4		PLJ1/2-1/4	
	5/16"	PGJ1/2-5/16			
	3/8"	PGJ1/2-3/8			
	1/2"			PLJ1/2	PYJ1/2
4mm	3mm		PGJ04-03C		
	4mm			PLJ04	PYJ04
6mm	3mm		PGJ06-03C		
	4mm	PGJ06-04	PGJ06-04C	PLJ06-04	PWJ06-04
	6mm			PLJ06	PYJ06
8mm	4mm	PGJ08-04			PWJ08-04
	6mm	PGJ08-06		PLJ08-06	PWJ08-06
	8mm			PLJ08	PYJ08
10mm	6mm	PGJ10-06			
	8mm	PGJ10-08		PLJ10-08	PWJ10-08
	10mm			PLJ10	PYJ10
12mm	6mm	PGJ12-06			
	8mm	PGJ12-08			
	10mm	PGJ12-10		PLJ12-10	PWJ12-10
	12mm			PLJ12	PYJ12
16mm	12mm	PGJ16-12			
	16mm			PLJ16	

Technifit™ Resin Push-to-Connect Fittings



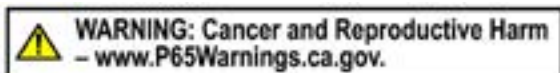
Tube 1 OD (Plug)	Tube 2 OD (PTC Port)	Plug-In Branch Tee	Plug-In Run Tee	Plug-In Double Reducer Y	Plug-In Triple Branch
5/32"	5/32"	PTJ5/32	PSJ5/32		
3/16"	5/32"				PKJ3/16-5/32
	3/16"	PTJ3/16	PSJ3/16		
1/4"	5/32"	PTJ1/4-5/32	PSJ1/4-5/32		PKJ1/4-5/32
	1/4"	PTJ1/4	PSJ1/4		
5/16"	5/32"				PKJ5/16-5/32
	3/16"				PKJ5/16-3/16
	1/4"	PTJ5/16-1/4	PSJ5/16-1/4		PKJ5/16-1/4
	5/16"	PTJ5/16	PSJ5/16		
3/8"	1/4"	PTJ3/8-1/4	PSJ3/8-1/4		PKJ3/8-1/4
	5/16"	PTJ3/8-5/16	PSJ3/8-5/16		PKJ3/8-5/16
	3/8"	PTJ3/8	PSJ3/8		
1/2"	3/8"	PTJ1/2-3/8	PSJ1/2-3/8		
	1/2"	PTJ1/2	PSJ1/2		
4mm	4mm	PTJ04	PSJ04		
6mm	4mm	PTJ06-04	PSJ06-04	PXJ06-04	PKJ06-04
	6mm	PTJ06	PSJ06		
8mm	4mm				PKJ08-04
	6mm	PTJ08-06	PSJ08-06	PXJ08-06	PKJ08-06
	8mm	PTJ08	PSJ08		
10mm	6mm				PKJ10-06
	8mm	PTJ10-08	PSJ10-08		PKJ10-08
	10mm	PTJ10	PSJ10		
12mm	10mm	PTJ12-10	PSJ12-10		
	12mm	PTJ12	PSJ12		

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Technifit™ Resin Push-to-Connect Fittings



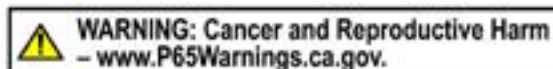
Tube OD	Thread	Male/Female Swivel Banjo	Swivel Double Male Banjo	Swivel Triple Male Banjo	Swivel Male Branch A	Male/Female Swivel Banjo
4mm	1/8" BSPT(R)	PHF04-01	PHL04-01(2)	PHL04-01(3)		
	1/4" BSPT(R)	PHF04-02	PHL04-02(2)	PHL04-02(3)		
	3/8" BSPT(R)		PHL04-03(2)	PHL04-03(3)		
	1/2" BSPT(R)		PHL04-04(2)	PHL04-04(3)		
	1/8" BSPP(G)	PHF04-G01	PHL04-G01(2)	PHL04-G01(3)		
	1/4" BSPP(G)	PHF04-G02	PHL04-G02(2)	PHL04-G02(3)		
	3/8" BSPP(G)	PHF04-G03	PHL04-G03(2)	PHL04-G03(3)		
	1/2" BSPP(G)	PHF04-G04	PHL04-G04(2)	PHL04-G04(3)		
	M5 x 0.8	PHF04-M5			PA04-M5	PAF04-M5
	M6 x 1.0	PHF04-M6				
6mm	1/8" BSPT(R)	PHF06-01	PHL06-01(2)	PHL06-01(3)	PA06-01	PAF06-01
	1/4" BSPT(R)	PHF06-02	PHL06-02(2)	PHL06-02(3)		
	3/8" BSPT(R)	PHF06-03	PHL06-03(2)	PHL06-03(3)		
	1/2" BSPT(R)	PHF06-04	PHL06-04(2)	PHL06-04(3)		
	1/8" BSPP(G)	PHF06-G01	PHL06-G01(2)	PHL06-G01(3)	PA06-G01	PAF06-G01
	1/4" BSPP(G)	PHF06-G02	PHL06-G02(2)	PHL06-G02(3)		
	3/8" BSPP(G)	PHF06-G03	PHL06-G03(2)	PHL06-G03(3)		
	1/2" BSPP(G)	PHF06-G04	PHL06-G04(2)	PHL06-G04(3)		
	M5 x 0.8	PHF06-M5				
	M6 x 1.0	PHF06-M6				
8mm	1/8" BSPT(R)	PHF08-01	PHL08-01(2)	PHL08-01(3)		
	1/4" BSPT(R)	PHF08-02	PHL08-02(2)	PHL08-02(3)	PA08-02	PAF08-02
	3/8" BSPT(R)	PHF08-03	PHL08-03(2)	PHL08-03(3)		
	1/2" BSPT(R)	PHF08-04	PHL08-04(2)	PHL08-04(3)		
	1/8" BSPP(G)	PHF08-G01	PHL08-G01(2)	PHL08-G01(3)		
	1/4" BSPP(G)	PHF08-G02	PHL08-G02(2)	PHL08-G02(3)	PA08-G02	PAF08-G02
	3/8" BSPP(G)	PHF08-G03	PHL08-G03(2)	PHL08-G03(3)		
	1/2" BSPP(G)	PHF08-G04	PHL08-G04(2)	PHL08-G04(3)		
10mm	1/8" BSPT(R)	PHF10-01	PHL10-01(2)	PHL10-01(3)		
	1/4" BSPT(R)	PHF10-02	PHL10-02(2)	PHL10-02(3)	PA10-02	PAF10-02
	3/8" BSPT(R)	PHF10-03	PHL10-03(2)	PHL10-03(3)	PA10-03	PAF10-03
	1/2" BSPT(R)	PHF10-04	PHL10-04(2)	PHL10-04(3)		
	1/8" BSPP(G)	PHF10-G01	PHL10-G01(2)	PHL10-G01(3)		
	1/4" BSPP(G)	PHF10-G02	PHL10-G02(2)	PHL10-G02(3)	PA10-G02	PAF10-G02
	3/8" BSPP(G)	PHF10-G03	PHL10-G03(2)	PHL10-G03(3)	PA10-G03	PAF10-G03
	1/2" BSPP(G)	PHF10-G04	PHL10-G04(2)	PHL10-G04(3)		
12mm	1/4" BSPT(R)	PHF12-02	PHL12-02(2)	PHL12-02(3)		
	3/8" BSPT(R)	PHF12-03	PHL12-03(2)	PHL12-03(3)	PA12-03	PAF12-03
	1/2" BSPP(G)		PHL12-04(2)	PHL12-04(3)	PA12-04	PAF12-04
	1/4" BSPP(G)	PHF12-G02	PHL12-G02(2)	PHL12-G02(3)		
	3/8" BSPP(G)	PHF12-G03	PHL12-G03(2)	PHL12-G03(3)	PA12-G03	PAF12-G03
	1/2" BSPP(G)	PHF12-G04	PHL12-G04(2)	PHL12-G04(3)	PA12-G04	PAF12-G04



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Swivel Male Double Branch	Swivel Male Triple Branch	Swivel Male Banjo Tee	Swivel Double Male Banjo Tee	Swivel Triple Male Banjo Tee	Swivel Double Male "Y"
4mm	1/8" BSPT(R)	PAT04-01(2)	PAT04-01(3)	PHT04-01(1)	PHT04-01(2)	PHT04-01(3)	PXT04-01
	1/4" BSPT(R)	PAT04-02(2)	PAT04-02(3)	PHT04-02(1)	PHT04-02(2)	PHT04-02(3)	PXT04-02
	3/8" BSPT(R)	PAT04-03(2)	PAT04-03(3)	PHT04-03(1)	PHT04-03(2)	PHT04-03(3)	
	1/2" BSPT(R)	PAT04-04(2)	PAT04-04(3)	PHT04-04(1)	PHT04-04(2)	PHT04-04(3)	
	1/8" BSPP(G)	PAT04-G01(2)	PAT04-G01(3)	PHT04-G01(1)	PHT04-G01(2)	PHT04-G01(3)	PXT04-G01
	1/4" BSPP(G)	PAT04-G02(2)	PAT04-G02(3)	PHT04-G02(1)	PHT04-G02(2)	PHT04-G02(3)	PXT04-G02
	3/8" BSPP(G)	PAT04-G03(2)	PAT04-G03(3)	PHT04-G03(1)	PHT04-G03(2)	PHT04-G03(3)	PXT04-G03
6mm	1/2" BSPP(G)	PAT04-G04(2)	PAT04-G04(3)	PHT04-G04(1)	PHT04-G04(2)	PHT04-G04(3)	PXT04-G04
	1/8" BSPT(R)	PAT06-01(2)	PAT06-01(3)	PHT06-01(1)	PHT06-01(2)	PHT06-01(3)	PXT06-01
	1/4" BSPT(R)	PAT06-02(2)	PAT06-02(3)	PHT06-02(1)	PHT06-02(2)	PHT06-02(3)	PXT06-02
	3/8" BSPT(R)	PAT06-03(2)	PAT06-03(3)	PHT06-03(1)	PHT06-03(2)	PHT06-03(3)	
	1/2" BSPT(R)	PAT06-04(2)	PAT06-04(3)	PHT06-04(1)	PHT06-04(2)	PHT06-04(3)	
	1/8" BSPP(G)	PAT06-G01(2)	PAT06-G01(3)	PHT06-G01(1)	PHT06-G01(2)	PHT06-G01(3)	PXT06-G01
	1/4" BSPP(G)	PAT06-G02(2)	PAT06-G02(3)	PHT06-G02(1)	PHT06-G02(2)	PHT06-G02(3)	PXT06-G02
8mm	3/8" BSPP(G)	PAT06-G03(2)	PAT06-G03(3)	PHT06-G03(1)	PHT06-G03(2)	PHT06-G03(3)	
	1/2" BSPP(G)	PAT06-G04(2)	PAT06-G04(3)	PHT06-G04(1)	PHT06-G04(2)	PHT06-G04(3)	
	1/8" BSPT(R)	PAT08-01(2)	PAT08-01(3)	PHT08-01(1)	PHT08-01(2)	PHT08-01(3)	
	1/4" BSPT(R)	PAT08-02(2)	PAT08-02(3)	PHT08-02(1)	PHT08-02(2)	PHT08-02(3)	
	3/8" BSPT(R)	PAT08-03(2)	PAT08-03(3)	PHT08-03(1)	PHT08-03(2)	PHT08-03(3)	
	1/2" BSPT(R)	PAT08-04(2)	PAT08-04(3)	PHT08-04(1)	PHT08-04(2)	PHT08-04(3)	
	1/8" BSPP(G)	PAT08-G01(2)	PAT08-G01(3)	PHT08-G01(1)	PHT08-G01(2)	PHT08-G01(3)	
10mm	1/4" BSPP(G)	PAT08-G02(2)	PAT08-G02(3)	PHT08-G02(1)	PHT08-G02(2)	PHT08-G02(3)	
	3/8" BSPP(G)	PAT08-G03(2)	PAT08-G03(3)	PHT08-G03(1)	PHT08-G03(2)	PHT08-G03(3)	
	1/2" BSPP(G)	PAT08-G04(2)	PAT08-G04(3)	PHT08-G04(1)	PHT08-G04(2)	PHT08-G04(3)	
	1/8" BSPT(R)	PAT10-01(2)	PAT10-01(3)	PHT10-01(1)	PHT10-01(2)	PHT10-01(3)	
	1/4" BSPT(R)	PAT10-02(2)	PAT10-02(3)	PHT10-02(1)	PHT10-02(2)	PHT10-02(3)	
	3/8" BSPT(R)	PAT10-03(2)	PAT10-03(3)	PHT10-03(1)	PHT10-03(2)	PHT10-03(3)	
	1/2" BSPT(R)	PAT10-04(2)	PAT10-04(3)	PHT10-04(1)	PHT10-04(2)	PHT10-04(3)	
12mm	1/8" BSPP(G)	PAT10-G01(2)	PAT10-G01(3)	PHT10-G01(1)	PHT10-G01(2)	PHT10-G01(3)	
	1/4" BSPP(G)	PAT10-G02(2)	PAT10-G02(3)	PHT10-G02(1)	PHT10-G02(2)	PHT10-G02(3)	
	3/8" BSPP(G)	PAT10-G03(2)	PAT10-G03(3)	PHT10-G03(1)	PHT10-G03(2)	PHT10-G03(3)	
	1/2" BSPP(G)	PAT10-G04(2)	PAT10-G04(3)	PHT10-G04(1)	PHT10-G04(2)	PHT10-G04(3)	
	1/4" BSPT(R)	PAT12-02(2)	PAT12-02(3)	PHT12-02(1)	PHT12-02(2)	PHT12-02(3)	
	3/8" BSPT(R)	PAT12-03(2)	PAT12-03(3)	PHT12-03(1)	PHT12-03(2)	PHT12-03(3)	
12mm	1/2" BSPP(G)	PAT12-04(2)	PAT12-04(3)	PHT12-04(1)	PHT12-04(2)	PHT12-04(3)	
	1/4" BSPP(G)	PAT12-G02(2)	PAT12-G02(3)	PHT12-G02(1)	PHT12-G02(2)	PHT12-G02(3)	
	3/8" BSPP(G)	PAT12-G03(2)	PAT12-G03(3)	PHT12-G03(1)	PHT12-G03(2)	PHT12-G03(3)	
	1/2" BSPP(G)	PAT12-G04(2)	PAT12-G04(3)	PHT12-G04(1)	PHT12-G04(2)	PHT12-G04(3)	



Technifit™ Resin Push-to-Connect Fittings



Tube OD 1 (Single)	Tube OD 2 (Triple)	Thread	Swivel Reducer Triple Branch
3/16"	5/32"	1/8" NPT	PKD3/16-5/32-N1
1/4"	5/32"	1/8" NPT	PKD1/4-5/32-N1
5/16"	5/32"	1/4" NPT	PKD5/16-5/32-N1
	3/16"		PKD5/16-3/16-N1
	1/4"		PKD5/16-1/4-N1
3/8"	1/4"	3/8" NPT	PKD3/8-1/4-N3
	5/16"		PKD3/8-5/16-N3
6mm	4mm	1/8" BSPT(R)	PKD0604-01
		1/8" BSPP(G)	PKD0604-G01
8mm	4mm	1/8" BSPT(R)	PKD0804-01
		1/8" BSPP(G)	PKD0804-G01
		1/4" BSPP(G)	PKD0804-G02
	6mm	1/8" BSPT(R)	PKD0806-01
		1/4" BSPT(R)	PKD0806-02
		1/8" BSPP(G)	PKD0806-G01
10mm	6mm	1/4" BSPP(G)	PKD0806-G02
		1/4" BSPT(R)	PKD1006-02
		3/8" BSPT(R)	PKD1006-03
	8mm	1/4" BSPP(G)	PKD1006-G02
		3/8" BSPP(G)	PKD1006-G03
		1/4" BSPT(R)	PKD1008-02
		3/8" BSPT(R)	PKD1008-03
		1/4" BSPP(G)	PKD1008-G02
		3/8" BSPP(G)	PKD1008-G03

Tube OD	Thread	Male/Female Swivel Banjo
1/8"	10-32	PHF1/8-U
5/32"	10-32	PHF5/32-U
	1/8" NPT	PHF5/32-N1
3/16"	10-32	PHF3/16-U
	1/8" NPT	PHF3/16-N1
	1/4" NPT	PHF3/16-N2
	3/8" NPT	PHF3/16-N3
1/4"	10-32	PHF1/4-U
	1/8" NPT	PHF1/4-N1
	1/4" NPT	PHF1/4-N2
	3/8" NPT	PHF1/4-N3
	1/8" BSPT(R)	PHF1/4-01
	1/4" BSPT(R)	PHF1/4-02
5/16"	M5 x 0.8	PHF1/4-M5
	1/8" NPT	PHF5/16-N1
	1/4" NPT	PHF5/16-N2
	3/8" NPT	PHF5/16-N3
	1/2" NPT	PHF5/16-N4
	1/8" BSPT(R)	PHF5/16-01
	1/4" BSPT(R)	PHF5/16-02
	3/8" BSPT(R)	PHF5/16-03
3/8"	1/4" NPT	PHF3/8-N2
	3/8" NPT	PHF3/8-N3
	1/2" NPT	PHF3/8-N4
	1/4" BSPT(R)	PHF3/8-02
	3/8" BSPT(R)	PHF3/8-03
1/2"	1/4" NPT	PHF1/2-N2
	3/8" NPT	PHF1/2-N3
	1/2" NPT	PHF1/2-N4

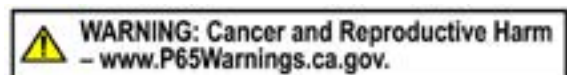
Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Knob Flow Control	Knob Flow Control, Meter-In	Slotted Flow Control	Recessed Slot Flow Control	Knob Flow Control, Residual Pressure
1/8"	10-32	NSC1/8-U	NSC1/8-U-I	NSC1/8-U(D)	NSC1/8-U(DC)	
5/32"	10-32	NSC5/32-U	NSC5/32-U-I	NSC5/32-U(D)	NSC5/32-U(DC)	
	1/8" NPT	NSC5/32-N1	NSC5/32-N1-I	NSC5/32-N1(D)	NSC5/32-N1(DC)	NSCP5/32-N1
	1/4" NPT	NSC5/32-N2	NSC5/32-N2-I	NSC5/32-N2(D)	NSC5/32-N2(DC)	NSCP5/32-N2
3/16"	10-32	NSC3/16-U	NSC3/16-U-I	NSC3/16-U(D)	NSC3/16-U(DC)	
	1/8" NPT	NSC3/16-N1	NSC3/16-N1-I	NSC3/16-N1(D)	NSC3/16-N1(DC)	NSCP3/16-N1
	1/4" NPT	NSC3/16-N2	NSC3/16-N2-I	NSC3/16-N2(D)	NSC3/16-N2(DC)	NSCP3/16-N2
	3/8" NPT	NSC3/16-N3	NSC3/16-N3-I	NSC3/16-N3(D)		NSCP3/16-N3
1/4"	10-32	NSC1/4-U	NSC1/4-U-I	NSC1/4-U(D)	NSC1/4-U(DC)	
	1/8" NPT	NSC1/4-N1	NSC1/4-N1-I	NSC1/4-N1(D)	NSC1/4-N1(DC)	NSCP1/4-N1
	1/4" NPT	NSC1/4-N2	NSC1/4-N2-I	NSC1/4-N2(D)	NSC1/4-N2(DC)	NSCP1/4-N2
	3/8" NPT	NSC1/4-N3	NSC1/4-N3-I	NSC1/4-N3(D)	NSC1/4-N3(DC)	NSCP1/4-N3
	1/8" BSPT(R)	NSC1/4-01	NSC1/4-01-I	NSC1/4-01(D)	NSC1/4-01(DC)	NSCP1/4-01
	1/4" BSPT(R)	NSC1/4-02	NSC1/4-02-I	NSC1/4-02(D)	NSC1/4-02(DC)	NSCP1/4-02
	M5 x 0.8	NSC1/4-M5	NSC1/4-M5-I	NSC1/4-M5(D)	NSC1/4-M5(DC)	
5/16"	1/8" NPT	NSC5/16-N1	NSC5/16-N1-I	NSC5/16-N1(D)	NSC5/16-N1(DC)	NSCP5/16-N1
	1/4" NPT	NSC5/16-N2	NSC5/16-N2-I	NSC5/16-N2(D)	NSC5/16-N2(DC)	NSCP5/16-N2
	3/8" NPT	NSC5/16-N3	NSC5/16-N3-I	NSC5/16-N3(D)	NSC5/16-N3(DC)	NSCP5/16-N3
	1/2" NPT	NSC5/16-N4	NSC5/16-N4-I	NSC5/16-N4(D)	NSC5/16-N4(DC)	NSCP5/16-N4
	1/8" BSPT(R)	NSC5/16-01	NSC5/16-01-I	NSC5/16-01(D)	NSC5/16-01(DC)	NSCP5/16-01
	1/4" BSPT(R)	NSC5/16-02	NSC5/16-02-I	NSC5/16-02(D)	NSC5/16-02(DC)	NSCP5/16-02
	3/8" BSPT(R)	NSC5/16-03	NSC5/16-03-I	NSC5/16-03(D)	NSC5/16-03(DC)	NSCP5/16-03
3/8"	1/4" NPT	NSC3/8-N2	NSC3/8-N2-I	NSC3/8-N2(D)	NSC3/8-N2(DC)	NSCP3/8-N2
	3/8" NPT	NSC3/8-N3	NSC3/8-N3-I	NSC3/8-N3(D)	NSC3/8-N3(DC)	NSCP3/8-N3
	1/2" NPT	NSC3/8-N4	NSC3/8-N4-I	NSC3/8-N4(D)	NSC3/8-N4(DC)	NSCP3/8-N4
	1/4" BSPT(R)	NSC3/8-02	NSC3/8-02-I	NSC3/8-02(D)	NSC3/8-02(DC)	NSCP3/8-02
	3/8" BSPT(R)	NSC3/8-03	NSC3/8-03-I	NSC3/8-03(D)	NSC3/8-03(DC)	NSCP3/8-03
1/2"	3/8" NPT	NSC1/2-N3	NSC1/2-N3-I	NSC1/2-N3(D)	NSC1/2-N3(DC)	NSCP1/2-N3
	1/2" NPT	NSC1/2-N4	NSC1/2-N4-I	NSC1/2-N4(D)	NSC1/2-N4(DC)	NSCP1/2-N4



Thread	Metal Body Flow Control (Female x Female)	Metal Body Flow Control, Exhaust Valve (Female x Female)	Metal Body Flow Control Elbow Male x Female
1/8" BSPT(R)	NSFF01	NSFP01	NSCF01
1/4" BSPT(R)	NSFF02	NSFP02	NSCF02
3/8" BSPT(R)	NSFF03	NSFP03	NSCF03
1/2" BSPT(R)	NSFF04	NSFP04	NSCF04



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Knob Flow Control	Knob Flow Control, Meter-In Style	Slotted Flow Control	Recessed Slot Flow Control	Knob Flow Control, Residual Pressure
4mm	1/8" BSPT(R)	NSC04-01	NSC04-01-I	NSC04-01(D)	NSC04-01(DC)	NSCP04-01
	1/4" BSPT(R)	NSC04-02	NSC04-02-I	NSC04-02(D)	NSC04-02(DC)	NSCP04-02
	1/8" BSPP(G)	NSC04-G01	NSC04-G01-I	NSC04-G01(D)	NSC04-G01(DC)	NSCP04-G01
	1/4" BSPP(G)	NSC04-G02	NSC04-G02-I	NSC04-G02(D)	NSC04-G02(DC)	NSCP04-G02
	M5 x 0.8	NSC04-M5	NSC04-M5-I	NSC04-M5(D)	NSC04-M5(DC)	
6mm	1/8" BSPT(R)	NSC06-01	NSC06-01-I	NSC06-01(D)	NSC06-01(DC)	NSCP06-01
	1/4" BSPT(R)	NSC06-02	NSC06-02-I	NSC06-02(D)	NSC06-02(DC)	NSCP06-02
	3/8" BSPT(R)	NSC06-03	NSC06-03-I	NSC06-03(D)	NSC06-03(DC)	NSCP06-03
	1/2" BSPT(R)	NSC06-04	NSC06-04-I	NSC06-04(D)	NSC06-04(DC)	NSCP06-04
	1/8" BSPP(G)	NSC06-G01	NSC06-G01-I	NSC06-G01(D)	NSC06-G01(DC)	NSCP06-G01
	1/4" BSPP(G)	NSC06-G02	NSC06-G02-I	NSC06-G02(D)	NSC06-G02(DC)	NSCP06-G02
	3/8" BSPP(G)	NSC06-G03	NSC06-G03-I	NSC06-G03(D)	NSC06-G03(DC)	NSCP06-G03
	1/2" BSPP(G)	NSC06-G04	NSC06-G04-I	NSC06-G04(D)	NSC06-G04(DC)	NSCP06-G04
	M5 x 0.8	NSC06-M5	NSC06-M5-I	NSC06-M5(D)	NSC06-M5(DC)	
8mm	1/8" BSPT(R)	NSC08-01	NSC08-01-I	NSC08-01(D)	NSC08-01(DC)	NSCP08-01
	1/4" BSPT(R)	NSC08-02	NSC08-02-I	NSC08-02(D)	NSC08-02(DC)	NSCP08-02
	3/8" BSPT(R)	NSC08-03	NSC08-03-I	NSC08-03(D)	NSC08-03(DC)	NSCP08-03
	1/2" BSPT(R)	NSC08-04	NSC08-04-I	NSC08-04(D)	NSC08-04(DC)	NSCP08-04
	1/8" BSPP(G)	NSC08-G01	NSC08-G01-I	NSC08-G01(D)	NSC08-G01(DC)	NSCP08-G01
	1/4" BSPP(G)	NSC08-G02	NSC08-G02-I	NSC08-G02(D)	NSC08-G02(DC)	NSCP08-G02
	3/8" BSPP(G)	NSC08-G03	NSC08-G03-I	NSC08-G03(D)	NSC08-G03(DC)	NSCP08-G03
	1/2" BSPP(G)	NSC08-G04	NSC08-G04-I	NSC08-G04(D)	NSC08-G04(DC)	NSCP08-G04
10mm	1/8" BSPT(R)	NSC10-01	NSC10-01-I	NSC10-01(D)	NSC10-01(DC)	NSCP10-01
	1/4" BSPT(R)	NSC10-02	NSC10-02-I	NSC10-02(D)	NSC10-02(DC)	NSCP10-02
	3/8" BSPT(R)	NSC10-03	NSC10-03-I	NSC10-03(D)	NSC10-03(DC)	NSCP10-03
	1/2" BSPT(R)	NSC10-04	NSC10-04-I	NSC10-04(D)	NSC10-04(DC)	NSCP10-04
	1/8" BSPP(G)	NSC10-G01	NSC10-G01-I	NSC10-G01(D)	NSC10-G01(DC)	NSCP10-G01
	1/4" BSPP(G)	NSC10-G02	NSC10-G02-I	NSC10-G02(D)	NSC10-G02(DC)	NSCP10-G02
	3/8" BSPP(G)	NSC10-G03	NSC10-G03-I	NSC10-G03(D)	NSC10-G03(DC)	NSCP10-G03
	1/2" BSPP(G)	NSC10-G04	NSC10-G04-I	NSC10-G04(D)	NSC10-G04(DC)	NSCP10-G04
12mm	1/4" BSPT(R)	NSC12-02	NSC12-02-I	NSC12-02(D)	NSC12-02(DC)	NSCP12-02
	3/8" BSPT(R)	NSC12-03	NSC12-03-I	NSC12-03(D)	NSC12-03(DC)	NSCP12-03
	1/2" BSPT(R)	NSC12-04	NSC12-04-I	NSC12-04(D)	NSC12-04(DC)	NSCP12-04
	1/4" BSPP(G)	NSC12-G02	NSC12-G02-I	NSC12-G02(D)	NSC12-G02(DC)	NSCP12-G02
	3/8" BSPP(G)	NSC12-G03	NSC12-G03-I	NSC12-G03(D)	NSC12-G03(DC)	NSCP12-G03
	1/2" BSPP(G)	NSC12-G04	NSC12-G04-I	NSC12-G04(D)	NSC12-G04(DC)	NSCP12-G04



Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Knob Flow Control, Dual Axis, Meter-In Style
4mm	1/8" BSPT(R)	NSS04-01-I
	1/4" BSPT(R)	NSS04-02-I
	1/8" BSPP(G)	NSS04-G01-I
	1/4" BSPP(G)	NSS04-G02-I
	M5 x 0.8	NSS04-M5-I
6mm	1/8" BSPT(R)	NSS06-01-I
	1/4" BSPT(R)	NSS06-02-I
	3/8" BSPT(R)	NSS06-03-I
	1/2" BSPT(R)	NSS06-04-I
	1/8" BSPP(G)	NSS06-G01-I
	1/4" BSPP(G)	NSS06-G02-I
	3/8" BSPP(G)	NSS06-G03-I
	1/2" BSPP(G)	NSS06-G04-I
	M5 x 0.8	NSS06-M5-I
8mm	1/8" BSPT(R)	NSS08-01-I
	1/4" BSPT(R)	NSS08-02-I
	3/8" BSPT(R)	NSS08-03-I
	1/2" BSPT(R)	NSS08-04-I
	1/8" BSPP(G)	NSS08-G01-I
	1/4" BSPP(G)	NSS08-G02-I
	3/8" BSPP(G)	NSS08-G03-I
	1/2" BSPP(G)	NSS08-G04-I
10mm	1/8" BSPT(R)	NSS10-01-I
	1/4" BSPT(R)	NSS10-02-I
	3/8" BSPT(R)	NSS10-03-I
	1/2" BSPT(R)	NSS10-04-I
	1/8" BSPP(G)	NSS10-G01-I
	1/4" BSPP(G)	NSS10-G02-I
	3/8" BSPP(G)	NSS10-G03-I
	1/2" BSPP(G)	NSS10-G04-I
12mm	1/4" BSPT(R)	NSS12-02-I
	3/8" BSPT(R)	NSS12-03-I
	1/2" BSPT(R)	NSS12-04-I
	1/4" BSPP(G)	NSS12-G02-I
	3/8" BSPP(G)	NSS12-G03-I
	1/2" BSPP(G)	NSS12-G04-I



Tube OD	Thread (Male)	Pilot Thread (Female)	Flow Control, Pilot Check Valve
6mm	1/8" BSPT(R)	M5 x 0.8	PVSC06-01
	1/4" BSPT(R)	1/8" BSPT(R)	PVSC06-02
	1/8" BSPP(G)	M5 x 0.8	PVSC06-G01
	1/4" BSPP(G)	1/8" BSPT(R)	PVSC06-G02
8mm	1/8" BSPT(R)	M5 x 0.8	PVSC08-01
	1/4" BSPT(R)	1/8" BSPT(R)	PVSC08-02
	3/8" BSPT(R)	1/8" BSPT(R)	PVSC08-03
	1/8" BSPP(G)	M5 x 0.8	PVSC08-G01
	1/4" BSPP(G)	1/8" BSPT(R)	PVSC08-G02
	3/8" BSPP(G)	1/8" BSPT(R)	PVSC08-G03
10mm	3/8" BSPT(R)	1/8" BSPT(R)	PVSC10-03
	1/2" BSPT(R)	1/4" BSPT(R)	PVSC10-04
	3/8" BSPP(G)	1/8" BSPT(R)	PVSC10-G03
	1/2" BSPP(G)	1/4" BSPT(R)	PVSC10-G04
12mm	3/8" BSPT(R)	1/8" BSPT(R)	PVSC12-03
	1/2" BSPT(R)	1/4" BSPT(R)	PVSC12-04
	3/8" BSPP(G)	1/8" BSPT(R)	PVSC12-G03
	1/2" BSPP(G)	1/4" BSPT(R)	PVSC12-G04



Tube OD	Flow Control Union	Flow Control Bulkhead Union
5/32"	NSF5/32	NSFB5/32
3/16"	NSF3/16	NSFB3/16
1/4"	NSF1/4	NSFB1/4
5/16"	NSF5/16	NSFB5/16
3/8"	NSF3/8	NSFB3/8
1/2"	NSF1/2	NSFB1/2
4mm	NSF04	NSFB04
6mm	NSF06	NSFB06
8mm	NSF08	NSFB08
10mm	NSF10	NSFB10
12mm	NSF12	NSFB12



WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov

Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Knob Flow Control, Dual Axis	Slotted Flow Control, Dual Axis	Recessed Slot Flow Control, Dual Axis	Knob Flow Control, Residual Pressure, Dual Axis
4mm	1/8" BSPT(R)	NSS04-01	NSS04-01(D)	NSS04-01(DC)	NSSP04-01
	1/4" BSPT(R)	NSS04-02	NSS04-02(D)	NSS04-02(DC)	NSSP04-02
	1/8" BSPP(G)	NSS04-G01	NSS04-G01(D)	NSS04-G01(DC)	NSSP04-G01
	1/4" BSPP(G)	NSS04-G02	NSS04-G02(D)	NSS04-G02(DC)	NSSP04-G02
	M5 x 0.8	NSS04-M5	NSS04-M5(D)	NSS04-M5(DC)	
6mm	1/8" BSPT(R)	NSS06-01	NSS06-01(D)	NSS06-01(DC)	NSSP06-01
	1/4" BSPT(R)	NSS06-02	NSS06-02(D)	NSS06-02(DC)	NSSP06-02
	3/8" BSPT(R)	NSS06-03	NSS06-03(D)	NSS06-03(DC)	NSSP06-03
	1/8" BSPP(G)	NSS06-G01	NSS06-G01(D)	NSS06-G01(DC)	NSSP06-G01
	1/4" BSPP(G)	NSS06-G02	NSS06-G02(D)	NSS06-G02(DC)	NSSP06-G02
	3/8" BSPP(G)	NSS06-G03	NSS06-G03(D)	NSS06-G03(DC)	NSSP06-G03
	M5 x 0.8	NSS06-M5	NSS06-M5(D)	NSS06-M5(DC)	
8mm	1/8" BSPT(R)	NSS08-01	NSS08-01(D)	NSS08-01(DC)	NSSP08-01
	1/4" BSPT(R)	NSS08-02	NSS08-02(D)	NSS08-02(DC)	NSSP08-02
	3/8" BSPT(R)	NSS08-03	NSS08-03(D)	NSS08-03(DC)	NSSP08-03
	1/2" BSPT(R)	NSS08-04	NSS08-04(D)	NSS08-04(DC)	NSSP08-04
	1/8" BSPP(G)	NSS08-G01	NSS08-G01(D)	NSS08-G01(DC)	NSSP08-G01
	1/4" BSPP(G)	NSS08-G02	NSS08-G02(D)	NSS08-G02(DC)	NSSP08-G02
	3/8" BSPP(G)	NSS08-G03	NSS08-G03(D)	NSS08-G03(DC)	NSSP08-G03
	1/2" BSPP(G)	NSS08-G04	NSS08-G04(D)	NSS08-G04(DC)	NSSP08-G04
10mm	1/4" BSPT(R)	NSS10-02	NSS10-02(D)	NSS10-02(DC)	NSSP10-02
	3/8" BSPT(R)	NSS10-03	NSS10-03(D)	NSS10-03(DC)	NSSP10-03
	1/2" BSPT(R)	NSS10-04	NSS10-04(D)	NSS10-04(DC)	NSSP10-04
	1/8" BSPP(G)	NSS10-G01	NSS10-G01(D)		
	1/4" BSPP(G)	NSS10-G02	NSS10-G02(D)	NSS10-G02(DC)	NSSP10-G02
	3/8" BSPP(G)	NSS10-G03	NSS10-G03(D)	NSS10-G03(DC)	NSSP10-G03
	1/2" BSPP(G)	NSS10-G04	NSS10-G04(D)	NSS10-G04(DC)	NSSP10-G04
12mm	1/4" BSPT(R)	NSS12-02	NSS12-02(D)	NSS12-02(DC)	NSSP12-02
	3/8" BSPT(R)	NSS12-03	NSS12-03(D)	NSS12-03(DC)	NSSP12-03
	1/2" BSPT(R)	NSS12-04	NSS12-04(D)	NSS12-04(DC)	NSSP12-04
	1/4" BSPP(G)	NSS12-G02	NSS12-G02(D)	NSS12-G02(DC)	NSSP12-G02
	3/8" BSPP(G)	NSS12-G03	NSS12-G03(D)	NSS12-G03(DC)	NSSP12-G03
	1/2" BSPP(G)	NSS12-G04	NSS12-G04(D)	NSS12-G04(DC)	NSSP12-G04

Technifit™ Resin Push-to-Connect Fittings



Tube OD	Thread	Straight Male Stop Fitting	Elbow Male Stop Fitting	Straight Male Check Valve	Straight "A" Male Hand Valve	Straight "B" Male Hand Valve
5/32" (4mm)	10-32		SPL5/32-U	CVPC5/32-U		
	1/8" NPT	SPC5/32-N1	SPL5/32-N1	CVPC5/32-N1		
3/16"	10-32		SPL3/16-U	CVPC3/16-U		
	1/8" NPT	SPC3/16-N1	SPL3/16-N1	CVPC3/16-N1		
	1/4" NPT	SPC3/16-N2	SPL3/16-N2	CVPC3/16-N2		
1/4"	10-32		SPL1/4-U			
	1/8" NPT	SPC1/4-N1	SPL1/4-N1	CVPC1/4-N1	HVC-N1-1/4	HVF-N1-1/4
	1/4" NPT	SPC1/4-N2	SPL1/4-N2	CVPC1/4-N2	HVC-N2-1/4	HVF-N2-1/4
	3/8" NPT				HVC-N3-1/4	HVF-N3-1/4
5/16"	1/8" NPT	SPC5/16-N1	SPL5/16-N1	CVPC5/16-N1	HVC-N1-5/16	HVF-N1-5/16
	1/4" NPT	SPC5/16-N2	SPL5/16-N2	CVPC5/16-N2	HVC-N2-5/16	HVF-N2-5/16
	3/8" NPT	SPC5/16-N3	SPL5/16-N3		HVC-N3-5/16	HVF-N3-5/16
3/8"	1/4" NPT	SPC3/8-N2	SPL3/8-N2		HVC-N2-3/8	HVF-N2-3/8
	3/8" NPT	SPC3/8-N3	SPL3/8-N3	CVPC3/8-N3	HVC-N3-3/8	HVF-N3-3/8
	1/2" NPT	SPC3/8-N4	SPL3/8-N4	CVPC3/8-N4	HVC-N4-3/8	HVF-N4-3/8
1/2"	1/4" NPT				HVC-N2-1/2	HVF-N2-1/2
	3/8" NPT	SPC1/2-N3	SPL1/2-N3	CVPC1/2-N3	HVC-N3-1/2	HVF-N3-1/2
	1/2" NPT	SPC1/2-N4	SPL1/2-N4	CVPC1/2-N4	HVC-N4-1/2	HVF-N4-1/2
4mm	1/8" BSPT(R)	SPC04-01	SPL04-01	CVPC04-01		
	1/8" BSPP(G)	SPC04-G01	SPL04-G01	CVPC04-G01		
	M5 x 0.8		SPL04-M5	CVPC04-M5		
	M6 x 1.0		SPL04-M6	CVPC04-M6		
6mm	1/8" BSPT(R)	SPC06-01	SPL06-01	CVPC06-01	HVF-01-06	HVF-01-06
	1/4" BSPT(R)	SPC06-02	SPL06-02	CVPC06-02	HVF-02-06	HVF-02-06
	3/8" BSPT(R)				HVF-03-06	HVF-03-06
	1/8" BSPP(G)	SPC06-G01	SPL06-G01	CVPC06-G01	HVF-G01-06	HVF-G01-06
	1/4" BSPP(G)	SPC06-G02	SPL06-G02	CVPC06-G02	HVF-G02-06	HVF-G02-06
	3/8" BSPP(G)				HVF-G03-06	HVF-G03-06
	M5 x 0.8		SPL06-M5			
8mm	1/8" BSPT(R)		SPL08-01	CVPC08-01	HVF-01-08	HVF-01-08
	1/4" BSPT(R)	SPC08-02	SPL08-02	CVPC08-02	HVF-02-08	HVF-02-08
	3/8" BSPT(R)	SPC08-03	SPL08-03		HVF-03-08	HVF-03-08
	1/8" BSPP(G)		SPL08-G01	CVPC08-G01	HVF-G01-08	HVF-G01-08
	1/4" BSPP(G)	SPC08-G02	SPL08-G02	CVPC08-G02	HVF-G02-08	HVF-G02-08
	3/8" BSPP(G)	SPC08-G03	SPL08-G03		HVF-G03-08	HVF-G03-08
10mm	1/4" BSPT(R)	SPC10-02	SPL10-02		HVF-02-10	HVF-02-10
	3/8" BSPT(R)	SPC10-03	SPL10-03	CVPC10-03	HVF-03-10	HVF-03-10
	1/2" BSPT(R)	SPC10-04	SPL10-04	CVPC10-04	HVF-04-10	HVF-04-10
	1/4" BSPP(G)	SPC10-G02	SPL10-G02		HVF-G02-10	HVF-G02-10
	3/8" BSPP(G)	SPC10-G03	SPL10-G03	CVPC10-G03	HVF-G03-10	HVF-G03-10
	1/2" BSPP(G)	SPC10-G04	SPL10-G04	CVPC10-G04	HVF-G04-10	HVF-G04-10
12mm	1/4" BSPT(R)	SPC12-02			HVF-02-12	HVF-02-12
	3/8" BSPT(R)	SPC12-03	SPL12-03	CVPC12-03	HVF-03-12	HVF-03-12
	1/2" BSPT(R)	SPC12-04	SPL12-04	CVPC12-04	HVF-04-12	HVF-04-12
	1/4" BSPP(G)	SPC12-G02			HVF-G02-12	HVF-G02-12
	3/8" BSPP(G)	SPC12-G03	SPL12-G03	CVPC12-G03	HVF-G03-12	HVF-G03-12
	1/2" BSPP(G)	SPC12-G04	SPL12-G04	CVPC12-G04	HVF-G04-12	HVF-G04-12

 **WARNING: Cancer and Reproductive Harm**
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Technifit™ Resin Push-to-Connect Fittings



Thread 1	Thread 2	Check Valve Bushing Male x Female	Check Valve Female x Female	Hand Valve Male x Male	Hand Slide Valve Male x Male
M5 x 0.8	M5 x 0.8				HSV M5
1/8" NPT	1/8" NPT	CVPF-N1-N1	CVFFN1-N1	HVM-N1-N1	
1/4" NPT	1/8" NPT			HVM-N2-N1	
	1/4" NPT	CVPF-N2-N2	CVFFN2-N2	HVM-N2-N2	
3/8" NPT	1/4" NPT			HVM-N3-N2	
	3/8" NPT	CVPF-N3-N3	CVFFN3-N3	HVM-N3-N3	
1/2" NPT	3/8" NPT			HVM-N4-N3	
	1/2" NPT	CVPF-N4-N4	CVFFN4-N4	HVM-N4-N4	
1/8" BSPT(R)	1/8" BSPT(R)	CVPF-01-01	CVFF01-01	HVM-01-01	HSV 01
1/4" BSPT(R)	1/8" BSPT(R)			HVM-02-01	
	1/4" BSPT(R)	CVPF-02-02	CVFF02-02	HVM-02-02	HSV 02
3/8" BSPT(R)	1/4" BSPT(R)			HVM-03-02	
	3/8" BSPT(R)	CVPF-03-03	CVFF03-03	HVM-03-03	HSV 03
1/2" BSPT(R)	3/8" BSPT(R)			HVM-04-03	
	1/2" BSPT(R)	CVPF-04-04	CVFF04-04	HVM-04-04	HSV 04
3/4" BSPT(R)	3/4" BSPT(R)				HSV 06
1/8" BSPP(G)	1/8" BSPP(G)	CVPF-G01-G01		HVM-G01-G01	
1/4" BSPP(G)	1/8" BSPP(G)			HVM-G02-G01	
	1/4" BSPP(G)	CVPF-G02-G02		HVM-G02-G02	
3/8" BSPP(G)	1/4" BSPP(G)			HVM-G03-G02	
	3/8" BSPP(G)	CVPF-G03-G03		HVM-G03-G03	
1/2" BSPP(G)	3/8" BSPP(G)			HVM-G04-G03	
	1/2" BSPP(G)	CVPF-G04-G04		HVM-G04-G04	



Tube OD	Thread	Flow Control, Quick Exhaust (Short Length)	Flow Control, Quick Exhaust (Medium Length)	Flow Control, Quick Exhaust (Long Length)
4mm	M3 x 0.5	ESC04-M3		
	M5 x 0.8	ESC04-M5		
6mm	1/8" BSPT(R)	ESC06-S-01		
	1/4" BSPT(R)	ESC06-S-02		
	M5 x 0.8	ESC06-M5		
8mm	1/8" BSPT(R)	ESC08-S-01	ESC08-M-01	
	1/4" BSPT(R)	ESC08-S-02	ESC08-M-02	
	3/8" BSPT(R)		ESC08-M-03	
10mm	1/8" BSPT(R)		ESC10-M-01	
	1/4" BSPT(R)		ESC10-M-02	ESC10-L-02
	3/8" BSPT(R)		ESC10-M-03	ESC10-L-03
	1/2" BSPT(R)			ESC10-L-04
12mm	1/4" BSPT(R)			ESC12-L-02
	3/8" BSPT(R)			ESC12-L-03
	1/2" BSPT(R)			ESC12-L-04

WARNING: Cancer and Reproductive Harm
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Technifit™ Brass Push-to-Connect Fittings

Nickel-Plated Brass Series



The Nickel-Plated Brass Series of push-to-connect fittings feature complete brass construction, along with an attractive finish.

B 06 - 01 M - PT

Specifications	
Working Pressure	280 psi
Temperature Range	-4°F to 176°F
Vacuum Rating	28" HG
Metal Body Material	Nickel-Plated Brass
O-Ring	NBR (Buna-N)
Grip Ring	Stainless Steel
Release Ring	Nickel-Plated Brass
Media	Compressed Air/Inert Gases

Nickel-Plated Brass		Tubing Size		Thread Size		Model	Thread Type	
U	10-32 Male						(Blank)	NPT
01	1/8"						PT	BSPT(R)
02	1/4"						PP	BSPP(G)
03	3/8"							
04	1/2"							
M5	M5 x 0.8							
M6	M6 x 1.0							



Tube OD	Thread	Hex Male Straight	Swivel Male Elbow	Swivel Male Tee
1/8"	1/8" NPT	B18-01M	B18-01ML	B18-01MT
	1/4" NPT	B18-02M	B18-02ML	B18-02MT
	3/8" NPT			
	1/2" NPT			
5/32"	1/8" NPT	B532-01M	B532-01ML	B532-01MT
	1/4" NPT	B532-02M	B532-02ML	B532-02MT
	3/8" NPT			
	1/2" NPT			
1/4"	1/8" NPT	B14-01M	B14-01ML	B14-01MT
	1/4" NPT	B14-02M	B14-02ML	B14-02MT
	3/8" NPT	B14-03M		
	1/2" NPT	B14-04M		
5/16"	1/8" NPT	B516-01M	B516-01ML	B516-01MT
	1/4" NPT	B516-02M	B516-02ML	B516-02MT
	3/8" NPT	B516-03M	B516-03ML	B516-03MT
	1/2" NPT	B516-04M	B516-04ML	B516-04MT
3/8"	1/8" NPT	B38-01M	B38-01ML	B38-01MT
	1/4" NPT	B38-02M	B38-02ML	B38-02MT
	3/8" NPT	B38-03M	B38-03ML	B38-03MT
	1/2" NPT	B38-04M	B38-04ML	B38-04MT
1/2"	1/8" NPT		B12-01ML	B12-01MT
	1/4" NPT	B12-02M	B12-02ML	B12-02MT
	3/8" NPT	B12-03M	B12-03ML	B12-03MT
	1/2" NPT	B12-04M	B12-04ML	B12-04MT



Technifit™ Brass Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Swivel Male Elbow	Swivel Male Tee
3mm	1/8" BSPT(R)	B03-01M-PT	B03-01ML-PT	B03-01MT-PT
	1/4" BSPT(R)	B03-02M-PT	B03-02ML-PT	B03-02MT-PT
	3/8" BSPT(R)	B03-03M-PT		
	1/2" BSPT(R)	B03-04M-PT		
	1/8" BSPP(G)	B03-01M-PP	B03-01ML-PP	B03-01MT-PP
	1/4" BSPP(G)	B03-02M-PP	B03-02ML-PP	B03-02MT-PP
	3/8" BSPP(G)	B03-03M-PP		
	1/2" BSPP(G)	B03-04M-PP		
4mm	1/8" BSPT(R)	B04-01M-PT	B04-01ML-PT	B04-01MT-PT
	1/4" BSPT(R)	B04-02M-PT	B04-02ML-PT	B04-02MT-PT
	3/8" BSPT(R)	B04-03M-PT		
	1/2" BSPT(R)	B04-04M-PT		
	1/8" BSPP(G)	B04-01M-PP	B04-01ML-PP	B04-01MT-PP
	1/4" BSPP(G)	B04-02M-PP	B04-02ML-PP	B04-02MT-PP
	3/8" BSPP(G)	B04-03M-PP		
	1/2" BSPP(G)	B04-04M-PP		
6mm	1/8" BSPT(R)	B06-01M-PT	B06-01ML-PT	B06-01MT-PT
	1/4" BSPT(R)	B06-02M-PT	B06-02ML-PT	B06-02MT-PT
	3/8" BSPT(R)	B06-03M-PT		
	1/2" BSPT(R)	B06-04M-PT		
	1/8" BSPP(G)	B06-01M-PP	B06-01ML-PP	B06-01MT-PP
	1/4" BSPP(G)	B06-02M-PP	B06-02ML-PP	B06-02MT-PP
	3/8" BSPP(G)	B06-03M-PP		
	1/2" BSPP(G)	B06-04M-PP		
8mm	1/8" BSPT(R)	B08-01M-PT	B08-01ML-PT	B08-01MT-PT
	1/4" BSPT(R)	B08-02M-PT	B08-02ML-PT	B08-02MT-PT
	3/8" BSPT(R)	B08-03M-PT	B08-03ML-PT	B08-03MT-PT
	1/2" BSPT(R)	B08-04M-PT	B08-04ML-PT	B08-04MT-PT
	1/8" BSPP(G)	B08-01M-PP	B08-01ML-PP	B08-01MT-PP
	1/4" BSPP(G)	B08-02M-PP	B08-02ML-PP	B08-02MT-PP
	3/8" BSPP(G)	B08-03M-PP	B08-03ML-PP	B08-03MT-PP
	1/2" BSPP(G)	B08-04M-PP	B08-04ML-PP	B08-04MT-PP
10mm	1/8" BSPT(R)	B10-01M-PT	B10-01ML-PT	B10-01MT-PT
	1/4" BSPT(R)	B10-02M-PT	B10-02ML-PT	B10-02MT-PT
	3/8" BSPT(R)	B10-03M-PT	B10-03ML-PT	B10-03MT-PT
	1/2" BSPT(R)	B10-04M-PT	B10-04ML-PT	B10-04MT-PT
	1/8" BSPP(G)	B10-01M-PP	B10-01ML-PP	B10-01MT-PP
	1/4" BSPP(G)	B10-02M-PP	B10-02ML-PP	B10-02MT-PP
	3/8" BSPP(G)	B10-03M-PP	B10-03ML-PP	B10-03MT-PP
	1/2" BSPP(G)	B10-04M-PP	B10-04ML-PP	B10-04MT-PP
12mm	1/8" BSPT(R)	B12-01M-PT	B12-01ML-PT	B12-01MT-PT
	1/4" BSPT(R)	B12-02M-PT	B12-02ML-PT	B12-02MT-PT
	3/8" BSPT(R)	B12-03M-PT	B12-03ML-PT	B12-03MT-PT
	1/2" BSPT(R)	B12-04M-PT	B12-04ML-PT	B12-04MT-PT
	1/8" BSPP(G)	B12-01M-PP	B12-01ML-PP	B12-01MT-PP
	1/4" BSPP(G)	B12-02M-PP	B12-02ML-PP	B12-02MT-PP
	3/8" BSPP(G)	B12-03M-PP	B12-03ML-PP	B12-03MT-PP
	1/2" BSPP(G)	B12-04M-PP	B12-04ML-PP	B12-04MT-PP



Technifit™ Brass Push-to-Connect Fittings



Tube 1 OD	Tube 2 OD	Unions Straight & Reducers	Union Elbows	Union Tees	Union Y & Reducers
1/8"	1/8"	B18U	B18UL	B18UT	B18UY
5/32"	5/32"	B532U(4MM)	B532UL(4MM)	B532UT(4MM)	B532UY(4MM)
1/4"	5/32"	B1/4-5/32U			
	1/4"	B14U	B14UL	B14UT	B14UY
5/16"	5/32"				
	1/4"	B5/16-1/4U			
	5/16"	B516U(8MM)	B516UL(8MM)	B516UT(8MM)	B516UY(8MM)
3/8"	5/32"				
	1/4"				
	5/16"	B3/8-5/16U			
	3/8"	B38U	B38UL	B38UT	
1/2"	1/4"				
	5/16"				
	3/8"	B1/2-3/8U			
	1/2"	B12U	B12UL	B12UT	
3mm	3mm	B03U	B03UL	B03UT	
4mm	4mm	B532U(4MM)	B532UL(4MM)	B532UT(4MM)	B532UY(4MM)
6mm	4mm	B06-04U			B06-04UY
	6mm	B06U	B06UL	B06UT	B06UY
8mm	4mm				
	6mm	B08-06U			B08-06UY
	8mm	B516U(8MM)	B516UL(8MM)	B516UT(8MM)	B516UY(8MM)
10mm	4mm				
	6mm				
	8mm	B10-08U			B10-08UY
	10mm	B10U	B10UL	B10UT	B10UY
12mm	6mm				
	8mm				
	10mm	B12-10U			
	12mm	B12MU	B12MUL	B12MUT	B12UY



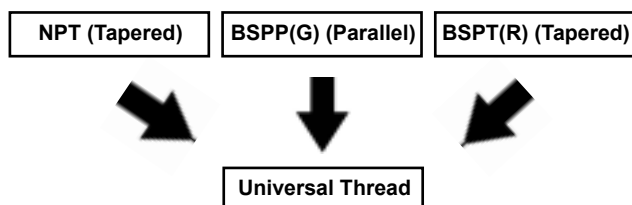
Technifit™ Brass Push-to-Connect Fittings



Tube OD	Thread	Slotted Adjustment Flow Control Elbow	Manual Knob Adjustment Flow Control Elbow
5/32"	10-32 Male	BSC532-1032DC-O	BSC532-1032HA-O
	1/8" NPT	BSC532-01DC-O	BSC532-01HA-O
1/4"	1/8" NPT	BSC14-01DC-O	BSC14-01HA-O
	1/4" NPT	BSC14-02DC-O	BSC14-02HA-O
5/16"	1/8" NPT	BSC516-01DC-O	BSC516-01HA-O
	1/4" NPT	BSC516-02DC-O	BSC516-02HA-O
3/8"	1/4" NPT	BSC38-02DC-O	BSC38-02HA-O
4mm	1/8" BSPP(G)	BSC04-01DC-O-PP	BSC04-01HA-O-PP
	M5 x 0.8	BSC04-M5DC-O-PP	BSC04-M5HA-O-PP
6mm	1/8" BSPP(G)	BSC06-01DC-O-PP	BSC06-01HA-O-PP
	1/4" BSPP(G)	BSC06-02DC-O-PP	BSC06-02HA-O-PP
8mm	1/8" BSPP(G)	BSC08-01DC-O-PP	BSC08-01HA-O-PP
	1/4" BSPP(G)	BSC08-02DC-O-PP	BSC08-02HA-O-PP
10mm	1/4" BSPP(G)	BSC10-02DC-O-PP	BSC10-02HA-O-PP
	3/8" BSPP(G)	BSC10-03DC-O-PP	BSC10-03HA-O-PP

Technifit™ Brass Push-to-Connect Fittings

Universal Thread Fittings



Universal threads provide an elegant method of converting equipment from metric tubing & threads into readily available fractionally-sized tubing.

By working with BSPT(R), BSPP(G) and NPT threads, these fittings also reduce inventory in MRO and supply environments.



Tube OD	Thread	Hex Male Straight	Round Male Straight	Swivel Male Elbow	Swivel Male Tee
5/32" (4mm)	1/8" NPT	B04M/532-U01M	BR04M/532-U01M	B04M/532-U01ML	B04M/532-U01MT
	1/4" NPT	B04M/532-U02M	BR04M/532-U02M	B04M/532-U02ML	B04M/532-U02MT
1/4"	1/8" NPT	B14-U01M	BR14-U01M	B14-U01ML	B14-U01MT
	1/4" NPT	B14-U02M	BR14-U02M	B14-U02ML	B14-U02MT
	3/8" NPT	B14-U03M		B14-U03ML	B14-U03MT
5/16" (8mm)	1/8" NPT	B08M/516-U01M		B08M/516-U01ML	B08M/516-U01MT
	1/4" NPT	B08M/516-U02M		B08M/516-U02ML	B08M/516-U02MT
	3/8" NPT	B08M/516-U03M		B08M/516-U03ML	B08M/516-U03MT
3/8"	1/8" NPT	B38-U01M		B38-U01ML	B38-U01MT
	1/4" NPT	B38-U02M		B38-U02ML	B38-U02MT
	3/8" NPT	B38-U03M		B38-U03ML	B38-U03MT
	1/2" NPT	B38-U04M		B38-U04ML	B38-U04MT
1/2"	1/8" NPT			B12-U01ML	
	1/4" NPT	B12-U02M		B12-U02ML	B12-U02MT
	3/8" NPT	B12-U03M		B12-U03ML	B12-U03MT
	1/2" NPT	B12-U04M		B12-U04ML	B12-U04MT
6mm	1/8" BSPT(R)	B06-U01M	BR06-U01M	B06-U01ML	B06-U01MT
	1/4" BSPT(R)	B06-U02M	BR06-U02M	B06-U02ML	B06-U02MT
	3/8" BSPT(R)				
10mm	1/8" BSPT(R)				
	1/4" BSPT(R)	B10-U02M		B10-U02ML	B10-U02MT
	3/8" BSPT(R)	B10-U03M		B10-U03ML	B10-U03MT
	1/2" BSPT(R)	B10-U04M			
12mm	1/4" BSPT(R)	B12M-U02M			
	3/8" BSPT(R)	B12M-U03M		B12M-U03ML	B12M-U03MT
	1/2" BSPT(R)	B12M-U04M		B12M-U04ML	B12M-U04MT

 **WARNING: Cancer and Reproductive Harm**
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Technifit™ SS Push-to-Connect Fittings

Stainless Steel Series



The Stainless Steel Series features 316SS construction along with Viton® seals for the ultimate in corrosion-resistance.

SS 04 - 01 M - PT

Specifications	
Working Pressure	290 psi
Temperature Range	-20°F to 420°F
Vacuum Rating	29.5" HG
Metal Body Material	316 Stainless Steel
O-Ring	Viton®
Grip Ring	301 Stainless Steel
Release Ring	316 Stainless Steel
Media	Compressed Air/Inert Gases

Stainless Steel	Tubing Size	Thread Size	Model	Thread Type
		1032	10-32 Male	(Blank) NPT
		01	1/8"	PT BSPT(R)
		02	1/4"	PP BSPP(G)
		03	3/8"	U Universal
		04	1/2"	
		M5	M5 x 0.8	

 **WARNING: Cancer and Reproductive Harm**
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Tube 1 OD	Tube 2 OD	Unions & Reducers	Union Elbows	Union Tees	Bulkhead Union
5/32"	5/32"	SS532U(4MM)	SS532UL(4MM)	SS532UT(4MM)	SS532BU(4MM)
3/16"	3/16"	SS316U	SS316UL	SS316UT	SS316BU
1/4"	1/4"	SS14-532UR	SS14UL	SS14UT	SS14BU
	5/32"	SS14U			
5/16"	1/4"	SS516U(8MM)			
	5/16"	SS516-14UR	SS516UL(8MM)	SS516UT(8MM)	SS516BU(8MM)
3/8"	1/4"	SS38-14UR			
	5/16"	SS38-516UR			
	3/8"	SS38U	SS38UL	SS38UT	SS38BU
1/2"	3/8"	SS12-38UR			
	1/2"	SS12U	SS12UL	SS12UT	SS12BU
4MM	4MM	SS532U(4MM)	SS532UL(4MM)	SS532UT(4MM)	SS532BU(4MM)
6MM	4MM	SS06-04UR			
	6MM	SS06U	SS06UL	SS06UT	SS06BU
8MM	6MM	SS08-06UR			
	8MM	SS516U(8MM)	SS516UL(8MM)	SS516UT(8MM)	SS516BU(8MM)
10mm	6MM	SS10-06UR			
	8MM	SS10-08UR			
	10mm	SS10U	SS10UL	SS10UT	SS10BU
12mm	10mm	SS12-10UR			
	12mm	SS12MU	SS12MUL	SS12MUT	SS12MBU

Technifit™ SS Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Hex Female Straight	Swivel Male Elbow	Swivel Male Tee
5/32"	10-32	SS532-1032M		SS532-1032ML	SS532-1032MT
	1/8" NPT	SS532-01M	SS532-01F	SS532-01ML	SS532-01MT
	1/4" NPT	SS532-02M	SS532-02F	SS532-02ML	SS532-02MT
	3/8" NPT	SS532-03M		SS532-03ML	
3/16"	1/8" NPT	SS316-01M	SS316-01F	SS316-01ML	SS316-01MT
	1/4" NPT	SS316-02M			
1/4"	10-32	SS14-1032M		SS14-1032ML	
	1/8" Universal	SS14-01UM		SS14-01UML	SS14-01UMT
	1/8" NPT	SS14-01M	SS14-01F	SS14-01ML	SS14-01MT
	1/4" NPT	SS14-02M	SS14-02F	SS14-02ML	SS14-02MT
	3/8" NPT	SS14-03M		SS14-03ML	
5/16"	1/8" NPT	SS516-01M	SS516-01F	SS516-01ML	SS516-01MT
	1/4" NPT	SS516-02M	SS516-02F	SS516-03ML	SS516-02MT
	3/8" NPT	SS516-03M	SS516-03F	SS516-03ML	SS516-03MT
	1/2" NPT	SS516-04M	SS516-04F	SS516-04ML	SS516-04MT
3/8"	1/8" NPT	SS38-01M	SS38-01F	SS38-01ML	SS38-01MT
	1/4" NPT	SS38-02M	SS38-02F	SS38-02ML	SS38-02MT
	3/8" NPT	SS38-03M	SS38-03F	SS38-03ML	SS38-03MT
	1/2" NPT	SS38-04M	SS38-04F	SS38-04ML	SS38-04MT
1/2"	1/8" NPT	SS12-02M			
	1/4" NPT	SS12-03M	SS12-02F	SS12-02ML	SS12-02MT
	3/8" NPT	SS12-04M	SS12-03F	SS12-03ML	SS12-03MT
	1/2" NPT		SS12-04F	SS12-04ML	SS12-04MT
5/8"	1/2" NPT	SS58-04M		SS58-04ML	
4mm	1/8" BSPT(R)	SS04-01M-PT	SS04-01F-PT	SS04-01ML-PT	SS04-01MT-PT
	1/4" BSPT(R)	SS04-02M-PT		SS04-02ML-PT	SS04-02MT-PT
	M5 x 0.8	SS04-M5M	SS04-M5F	SS04-M5ML-PT	SS04-M5MT
	M6 x 1.0	SS04-M6M	SS04-M6F	SS04-M6ML-PT	SS04-M6MT
6mm	1/8" BSPT(R)	SS06-01M-PT	SS06-01F-PT	SS06-01ML-PT	SS06-01MT-PT
	1/4" BSPT(R)	SS06-02M-PT	SS06-02F-PT	SS06-02ML-PT	SS06-02MT-PT
	3/8" BSPT(R)	SS06-03M-PT		SS06-03ML-PT	
	M5 x 0.8	SS06-M5M	SS06-M5F	SS06-M5ML-PT	
	M6 x 1.0	SS06-M6M	SS06-M6F	SS06-M6ML-PT	
8mm	1/8" BSPT(R)	SS08-01M-PT		SS08-01ML-PT	SS08-01MT-PT
	1/4" BSPT(R)	SS08-02M-PT	SS08-02F-PT	SS08-02ML-PT	SS08-02MT-PT
	3/8" BSPT(R)	SS08-03M-PT	SS08-03F-PT	SS08-03ML-PT	SS08-03MT-PT
	1/2" BSPT(R)		SS08-04F-PT	SS08-04ML-PT	SS08-04MT-PT
10mm	1/8" BSPT(R)	SS10-01M-PT	SS10-01F-PT	SS10-01ML-PT	
	1/4" BSPT(R)	SS10-02M-PT	SS10-02F-PT	SS10-02ML-PT	SS10-02MT-PT
	3/8" BSPT(R)	SS10-03M-PT	SS10-03F-PT	SS10-03ML-PT	SS10-03MT-PT
	1/2" BSPT(R)	SS10-04M-PT	SS10-04F-PT	SS10-04ML-PT	SS10-04MT-PT
12mm	1/8" BSPT(R)	SS12-01M-PT		SS12-01ML-PT	SS12-02MT-PT
	1/4" BSPT(R)	SS12-02 M-PT	SS12-02F-PT	SS12-02ML-PT	SS12-03MT-PT
	3/8" BSPT(R)	SS12-03 M-PT	SS12-03F-PT	SS12-03ML-PT	SS12-04MT-PT
	1/2" BSPT(R)	SS12-04 M-PT	SS12-04F-PT	SS12-04ML-PT	SS12-02MT-PT

 **WARNING: Cancer and Reproductive Harm**
- www.P65Warnings.ca.gov

Fluidfit™ Push-to-Connect Fittings



Fluidfit

Fluidfit Products are intended for direct contact with water or food & beverage equipment.



HPC 1/4" - N01

Model	Tubing Size		Thread	
	5/32	5/32" (0.1562")	N01	1/8" NPT
	3/16	3/16" (0.1875")	N02	1/4" NPT
	1/4	1/4" (0.2500")	N03	3/8" NPT
	5/16	5/16" (0.3125")	N04	1/2" NPT
	3/8	3/8" (0.3750")	R01	1/8" BSPT(R)
	1/2	1/2" (0.5000")	R02	1/4" BSPT(R)
			R03	3/8" BSPT(R)
			R04	1/2" BSPT(R)
	04	4mm		
	06	6mm		
	08	8mm		
	10	10mm		
	12	12mm		

Specifications	
Working Pressure @ 77°F	232 psi
Working Pressure @ 158°F	145 psi
Temperature Range	32°F to 158°F
Resin Body Material	POM
O-Ring	EPDM Rubber
Release Ring	POM & STS301
Media	Compressed Air/ Inert Gases/ Water/ Fluids
Max Install Torque 1/8 NPT	1.1 lb/ft
Max Install Torque 1/4-1/2 NPT	2.2 lb/ft

Certifications	
NSF 51® Certified	
NSF 61® Certified	

Tube OD	Thread	Hex Male Straight	Hex Female Straight /HCF Faucet & Tap Adapters	Straight Plug-In Stem Adapter
5/32"	1/8" NPT	HPC5/32-N01		HCJ5/32-N01
	1/4" NPT	HPC5/32-N02		HCJ5/32-N02
3/16"	1/8" NPT	HPC3/16-N01		HCJ3/16-N01
	1/4" NPT	HPC3/16-N02		
1/4"	1/8" NPT	HPC1/4-N01	HCF1/4-N01	HCJ1/4-N01
	1/4" NPT	HPC1/4-N02	HCF1/4-N02	HCJ1/4-N02
	3/8" NPT	HPC1/4-N03		
	1/2" NPT	HPC1/4-N04		
	1/8" BSPT(R)	HPC1/4-R01		
	1/4" BSPT(R)	HPC1/4-R02		
	3/8" BSPT(R)	HPC1/4-R03		
	1/2" BSPT(R)	HPC1/4-R04		
5/16"	1/8" NPT	HPC5/16-N01		HCJ5/16-N01
	1/4" NPT	HPC5/16-N02		HCJ5/16-N02
	3/8" NPT	HPC5/16-N03		HCJ5/16-N03
	1/2" NPT	HPC5/16-N04		
	7/16-20 Female UNF		HCF5/16-UNF7/16	
	7/16-24 Female UNS		HCF5/16-UNS7/16	
3/8"	1/8" NPT	HPC3/8-N01		
	1/4" NPT	HPC3/8-N02	HCF3/8-N02	
	3/8" NPT	HPC3/8-N03		HCJ3/8-N02
	1/2" NPT	HPC3/8-N04		HCJ3/8-N03
	7/16-20 Female UNF		HCF3/8-UNF7/16	
	1/2-16 Female UN		HCF3/8-UN1/2	
1/2"	1/8" NPT			
	1/4" NPT			
	3/8" NPT	HPC1/2-N03		HCJ1/2-N03
	1/2" NPT	HPC1/2-N04		HCJ1/2-N04



Fluidfit™ Push-to-Connect Fittings



Tube OD	Thread	Hex Male Straight	Hex Female Straight HCF Faucet & Tap Adapter	Straight Plug-In Stem Adapter
4mm	1/4" BSPT(R)	HPC04R01		HCJ04R01
	3/8" BSPT(R)			HCJ04R02
	1/2" BSPT(R)			
	1/8" BSPP(G)	HPC04G01	HCF04G01	
	1/4" BSPP(G)	HPC04G02		
6mm	1/8" BSPT(R)	HPC06R01		HCJ06R01
	1/4" BSPT(R)	HPC06R02		HCJ06R02
	3/8" BSPT(R)	HPC06R03		
	1/2" BSPT(R)			
	1/8" BSPP(G)	HPC06G01	HCF06G01	
	1/4" BSPP(G)	HPC06G02	HCF06G02	
	3/8" BSPP(G)		HCF06G03	
	7/16-20 Female UNF		HCF06-UNF7/16	
	7/16-24 Female UNS		HCF06-UNS7/16	
	3/4 Female National Hose		HCF06-NH06	
8mm	1/8" BSPT(R)	HPC08R01		HCJ08R01
	1/4" BSPT(R)	HPC08R02		HCJ08R02
	3/8" BSPT(R)	HPC08R03		HCJ08R03
	1/2" BSPT(R)			
	1/8" BSPP(G)	HPC08G01	HCF08G01	
	1/4" BSPP(G)	HPC08G02	HCF08G02	
	3/8" BSPP(G)	HPC08G03	HCF08G03	
	1/2" BSPP(G)	HPC08G04	HCF08G04	
	3/4" BSPP(G)		HCF08G06	
	7/16-20 Female UNF		HCF08-UNF7/16	
	7/16-24 Female UNS		HCF08-UNS7/16	
	3/4 Female National Hose		HCF08-NH06	
10mm	1/4" BSPT(R)			HCJ10R02
	3/8" BSPT(R)	HPC10R03		HCJ10R03
	1/2" BSPT(R)	HPC10R04		HCJ10R04
	1/8" BSPP(G)			
	1/4" BSPP(G)	HPC10G02	HCF10G02	
	3/8" BSPP(G)	HPC10G03	HCF10G03	
	1/2" BSPP(G)	HPC10G04	HCF10G04	
	3/4" BSPP(G)		HCF10G06	
	7/16-20 Female UNF		HCF10-UNF7/16	
	3/4 Female National Hose		HCF10-NH06	
12mm	3/8" BSPT(R)	HPC12R03		HCJ12R03
	1/2" BSPT(R)	HPC12R04		HCJ12R04
	1/4" BSPP(G)		HCF12G02	
	3/8" BSPP(G)	HPC12G03	HCF12G03	
	1/2" BSPP(G)	HPC12G04	HCF12G04	

Fluidfit™ Push-to-Connect Fittings



Tube OD	Thread	Rigid Male Elbow	Swivel Male Elbow	Male Swivel Branch Tee	Male Swivel Run Tee	Male Swivel Y
5/32"	1/8" NPT	HPL5/32-N01	HRPL5/32-N01	HRPT5/32-N01	HRST5/32-N01	HRWT5/32-N01
	1/4" NPT		HRPL5/32-N02	HRPT5/32-N02	HRST5/32-N02	HRWT5/32-N02
3/16"	1/8" NPT	HPL3/16-N01				
1/4"	1/8" NPT	HPL1/4-N01	HRPL1/4-N01	HRPT1/4-N01	HRST1/4-N01	HRWT1/4-N01
	1/4" NPT	HPL1/4-N02	HRPL1/4-N02	HRPT1/4-N02	HRST1/4-N02	HRWT1/4-N02
	3/8" NPT	HPL1/4-N03				
5/16"	1/8" NPT		HRPL5/16-N01	HRPT5/16-N01	HRST5/16-N01	HRWT5/16-N01
	1/4" NPT	HPL5/16-N02	HRPL5/16-N02	HRPT5/16-N02	HRST5/16-N02	HRWT5/16-N02
	3/8" NPT	HPL5/16-N03	HRPL5/16-N03	HRPT5/16-N03	HRST5/16-N03	HRWT5/16-N03
3/8"	1/4" NPT	HPL3/8-N02	HRPL3/8-N02	HRPT3/8-N02	HRST3/8-N02	HRWT3/8-N02
	3/8" NPT	HPL3/8-N03	HRPL3/8-N03	HRPT3/8-N03	HRST3/8-N03	HRWT3/8-N03
1/2"	3/8" NPT	HPL1/2-N03	HRPL1/2-N03	HRPT1/2-N03	HRST1/2-N03	HRWT1/2-N03
	1/2" NPT	HPL1/2-N04	HRPL1/2-N04	HRPT1/2-N04	HRST1/2-N04	HRWT1/2-N04
4mm	1/8" BSPT(R)	HPL04R01	HRPL04R01	HRPT04R01	HRST04R01	HRWT04R01
	1/4" BSPT(R)		HRPL04R02	HRPT04R02	HRST04R02	HRWT04R02
6mm	1/8" BSPT(R)	HPL06R01	HRPL06R01	HRPT06R01	HRST06R01	HRWT06R01
	1/4" BSPT(R)	HPL06R02	HRPL06R02	HRPT06R02	HRST06R02	HRWT06R02
8mm	1/8" BSPT(R)		HRPL08R01	HRPT08R01	HRST08R01	HRWT08R01
	1/4" BSPT(R)	HPL08R02	HRPL08R02	HRPT08R02	HRST08R02	HRWT08R02
	3/8" BSPT(R)		HRPL08R03	HRPT08R03	HRST08R03	HRWT08R03
10mm	1/4" BSPT(R)		HRPL10R02	HRPT10R02	HRST10R02	HRWT10R02
	3/8" BSPT(R)	HPL10R03	HRPL10R03	HRPT10R03	HRST10R03	HRWT10R03
	1/2" BSPT(R)		HRPL10R04	HRPT10R04	HRST10R04	HRWT10R04
12mm	3/8" BSPT(R)		HRPL12R03	HRPT12R03	HRST12R03	HRWT12R03
	1/2" BSPT(R)	HPL10R04	HRPL12R04	HRPT12R04	HRST12R04	HRWT12R04



Tube 1 OD	Tube2 OD	Bulkhead Union	Check-Valve Fittings
5/32"	5/32"	HMM5/32-5/32	
1/4"	1/4"	HMM1/4-1/4	HCVU1/4-1/4
	3/8"	HMM1/4-3/8	
5/16"	5/16"	HMM5/16-5/16	HCVU5/16-5/16
3/8"	3/8"	HMM3/8-3/8	HCVU3/8-3/8
1/2"	1/2"	HMM1/2-1/2	HCVU1/2-1/2
4MM	4MM	HMM0404	HCVU0404
6MM	4MM	HMM0604	
	6MM	HMM0606	HCVU0606
8MM	6MM	HMM0806	
	8MM	HMM0808	HCVU0808
10mm	10mm	HMM1010	HCVU1010
12mm	12mm	HMM1212	HCVU1212

Stem OD	Barb OD	Barb Mender
1/4"	1/4"	HCJB1/4-1/4
5/16"	5/16"	HCJB5/16-5/16
3/8"	5/16"	HCJB3/8-5/16
	3/8"	HCJB3/8-3/8
1/2"	3/8"	HCJB1/2-3/8
6MM	4.5mm	HCJB0604
	6.5mm (1/4")	HCJB0606
8MM	6.5mm (1/4")	HCJB0806
10mm	6.5mm (1/4")	HCJB1006
	8.6mm (5/16")	HCJB1008

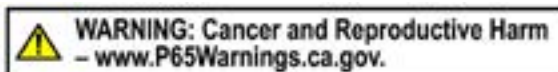
Fluidfit™ Push-to-Connect Fittings



Tube 1 OD	Tube 2 OD	Union Straight	Union Elbows	Union Tees	Equal Union Y	Union "Y"	Union Cross
5/32"	5/32"	HUC5/32-5/32	HUL5/32-5/32	HUT5/32-5/32	HUY5/32-5/32		
3/16"	3/16"	HUC3/16-3/16	HUL3/16-3/16	HUT3/16-3/16	HUY3/16-3/16		
	1/4"	HUC1/4-1/4	HUL1/4-1/4	HUT1/4-1/4	HUY1/4-1/4		HZA1/4
5/16"	5/32"	HUC5/16-5/32	HUL5/16-5/32				
	1/4"	HUC5/16-1/4	HUL5/16-1/4				
	5/16"	HUC5/16-5/16	HUL5/16-5/16	HUT5/16-5/16	HUY5/16-5/16		
3/8"	1/4"	HUC3/8-1/4	HUL3/8-1/4	HUT3/8-1/4			
	5/16"	HUC3/8-5/16	HUL3/8-5/16				
	3/8"	HUC3/8-3/8	HUL3/8-3/8	HUT3/8-3/8	HUY3/8-3/8		
1/2"	5/16"	HUC1/2-5/16					
	3/8"	HUC1/2-3/8	HUL1/2-3/8				
	1/2"	HUC1/2-1/2	HUL1/2-1/2	HUT1/2-1/2	HUY1/2-1/2	HBU1/2-1/2	
4MM	4MM	HUC0404	HUL0404	HUT0404	HUY0404		
6MM	4MM	HUC0604					
	6MM	HUC0606	HUL0606	HUT0606	HUY0606		HZA0606
8MM	4MM	HUC0804	HUL0804				
	6MM	HUC0806	HUL0806				
	8MM	HUC0808	HUL0808	HUT0808	HUY0808		
10mm	8MM	HUC1006	HUL1006	HUT100608			
	6MM	HUC1008	HUL1008	HUT100610	HUY1008		
	8MM	HUC1010	HUL1010	HUT1010	HUY1010		
12mm	6mm		HUL1206				
	8MM	HUC1208	HUL1208				
	10mm	HUC1210		HUT121012			
	12mm	HUC1212	HUL1212	HUT1212	HUY1212		



Tube OD	Panel Mount Run Style Flow Control	Panel Mount Branch Style Flow Control	Run Style Flow Control	Branch Style Flow Control
1/4"	HSLB1/4-1/4	HSTB1/4-1/4	HSLU1/4-1/4	HSTU1/4-1/4
3/8"	HSLB3/8-3/8	HSTB3/8-3/8	HSLU3/8-3/8	HSTU3/8-3/8
6MM	HSLB0606	HSTB0606	HSLU0606	HSTU0606
10mm	HSLB1010	HSTB1010	HSLU1010	



(Applies to Panel Mounting Nuts)



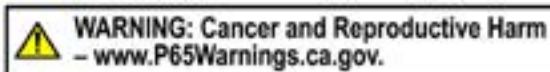
Thread 1	Thread 2	BSPP(G) Reducer Fitting
1/4 Female BSPP(G)	3/4 Female BSPP(G)	HUFF G02-G06
3/8 Female BSPP(G)	3/4 Female BSPP(G)	HUFF G01-G06

Tube OD	Barb OD	Barb Adapter
12mm	10mm	HCBB1210
15mm	1/2"	HCBB15-1/2
22mm	1/2"	HCBB22-1/2
22mm	3/4"	HCBB22-3/4

Fluidfit™ Push-to-Connect Fittings



Stem OD	Tube OD	Plug-In Stem Elbow Adapter	Plug-In Tube Reducer	Plug-In Barb Elbow
5/32"	5/32"	HLJ5/32-5/32		
3/16"	3/16"	HLJ3/16-3/16		
1/4"	5/32"		HGJ1/4-5/32	
	1/4"	HLJ1/4-1/4		
5/16"	1/4"		HGJ5/16-1/4	
	5/16"	HLJ5/16-5/16		
3/8"	1/4"	HLJ3/8-1/4	HGJ3/8-1/4	
	5/16"	HLJ3/8-5/16	HGJ3/8-5/16	HLJB3/8-5/16
	3/8"	HLJ3/8-3/8		HLJB3/8-3/8
1/2"	3/8"		HGJ1/2-3/8	
	1/2"	HLJ1/2-1/2		
4mm	4mm	HLJ0404		
6mm	4mm		HGJ0604	
	6mm	HLJ0606		
	8mm	HLJ0608		
8mm	4mm		HGJ0804	
	6mm		HGJ0806	
	8mm	HLJ0808		
	10mm		HGJ0810	
10mm	6mm	HLJ1006	HGJ1006	HLJB1006
	8mm	HLJ1008	HGJ1008	HLJB1008
	10mm	HLJ1010		
12mm	8mm		HGJ1208	
	10mm		HGJ1210	
	12mm	HLJ1212		



(Applies to Cartridge Fittings)



Tube OD	Cap	Plug	Ball Valves	Locking Clips	Press-Fit Cartridge Fitting	Press-Fit Cartridge Fitting with O-Ring
5/32"		HPP5/32	HBVU1/4-1/4	HCP5/32		
3/16"		HPP3/16	HBVU5/16-5/16	HCP3/16		
1/4"	HPF1/4	HPP1/4	HBVU3/8-3/8	HCP1/4		
5/16"	HPF5/16	HPP5/16	HBVU1/2-1/2	HCP5/16		
3/8"	HPF3/8	HPP3/8	HBVU1/4-1/4	HCP3/8		
1/2"	HPF1/2	HPP1/2	HBVU5/16-5/16	HCP1/2		
4MM		HPP04	HBVU0606	HCP04	HCAS-F04	HCAS-H04
6MM	HPF06	HPP06	HBVU0808	HCP06	HCAS-F06	HCAS-H06
8MM	HPF08	HPP08	HBVU1010	HCP08	HCAS-F08	HCAS-H08
10mm	HPF10	HPP10	HBVU1212	HCP10	HCAS-F10	HCAS-H10
12mm	HPF12	HPP12	HBVU0606	HCP12	HCAS-F12	HCAS-H12

TechniDOT™



Air Brake Tubing & Fittings



TechniDOT™ Air Brake Tubing & Fittings



Nylon D.O.T. Tubing

D.O.T. Nylon tubing is manufactured specifically for use in heavy vehicle, pneumatic braking systems. Available in both **Type A** and **Type B**, TechniDOT™ tubing offers excellent resistance to abrasion, gasoline, diesel fuel, and commonly used road salts.

Type A tubing is a single wall extrusion less than 5/16" OD in size, and only used for accessories such as gauges.

Type B tubing is a reinforced extrusion typically over 5/16" OD in size and used to supply air within the braking system.

Specifications	
Temperature Range	-49°F to 221°F
Material	Nylon 12 (PA 12)
Reinforcement (Type B)	Polyester
Safety Factor	4:1
Tariff Code	3917.32.0000

Certifications/Compliance	
SAE J 844	
DOT FMVSS 49 CFR 571.106	

Fitting Compatibility	
D.O.T. Push-to-Connect Fittings (Page 83)	
D.O.T. Compression-Style Fittings (Page 85)	

DOT A 04 D NB

Material		Type	Tubing O.D.		Package Lengths		Color Code	
DOT	D.O.T. Nylon	A	04	1/4"	A	100 ft	BK	Black
		B	06	3/8"	B	250 ft	G	Green
			08	1/2"	C	500 ft	NB	Navy Blue
			10	5/8"	D	1000 ft	OR	Orange*
			12	3/4"			R	Red
							Y	Yellow

*Only available in limited sizes

Fractional Sizes

Part Number (Add Color)	OD	ID	Length (ft)	Bend Radius	Working Pressure	Type
DOTA04A_	1/4" (0.250")	0.170"	100	1.00"	300 psi	A
DOTA04C_			500			
DOTA04D_			1,000			
DOTB06A_	3/8" (0.375")	0.251"	100	1.50"	300 psi	B
DOTB06C_			500			
DOTB08A_	1/2" (0.500")	0.376"	100	2.00"	235 psi	B
DOTB08C_			500			
DOTB10A_	5/8" (0.625")	0.441"	100	2.50"	225 psi	B
DOTB10B_			250			
DOTB12A_	3/4" (0.750")	0.566"	100	3.00"	200 psi	B
DOTB12B_			250			

TechniDOT™ Air Brake Tubing & Fittings



D.O.T. Fittings

Constructed of brass and available in push-to-connect, compression, and rubber hose applications, TechniDOT™ is well-suited for air brake applications.

- Every TechniDOT™ Fitting is Quality Tested and Stamped with a Green Circle
- Pre-Applied Sealant on Male Threads
- Full-Flow Design



Specifications	
Temperature Range	-40° F to 212°F (-40°C to 100°C)
Max. Working Pressure	260 psi (17,9 Bar)
Construction	Brass
Seals	NBR Rubber

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DOT 68 - 04 02

TechniDOT™	Fitting Style	Tubing/Hose Size		Thread Size	
		02	1/8"	01	1/16"
		04	1/4"	02	1/8"
		05	5/32"	04	1/4"
		06	3/8"	06	3/8"
		08	1/2"	08	1/2"
		10	5/8"	10	5/8"
		12	3/4"	12	3/4"

TechniDOT™ Push-to-Connect Fittings



Tube	Thread	45° Male Rigid	45° Male Swivel	Male Straight	Male Rigid Elbow	Male Swivel Elbow
5/32"	1/16" Male NPT	DOT54-0501	DOT54S-0501	DOT68-0501		
	1/8" Male NPT	DOT54-0502	DOT54S-0502	DOT68-0502	DOT69-0502	DOT69S-0502
	1/4" Male NPT	DOT54-0504				DOT69S-0504
1/4"	1/16" Male NPT			DOT68-0401		
	1/8" Male NPT	DOT54-0402	DOT54S-0402	DOT68-0402	DOT69-0402	DOT69S-0402
	1/4" Male NPT	DOT54-0404	DOT54S-0404	DOT68-0404	DOT69-0404	DOT69S-0404
	3/8" Male NPT			DOT68-0406	DOT69-0406	DOT69S-0406
3/8"	1/8" Male NPT	DOT54-0602	DOT54S-0602	DOT68-0602	DOT69-0602	DOT69S-0602
	1/4" Male NPT	DOT54-0604	DOT54S-0604	DOT68-0604	DOT69-0604	DOT69S-0604
	3/8" Male NPT	DOT54-0606	DOT54S-0606	DOT68-0606	DOT69-0606	DOT69S-0606
	1/2" Male NPT	DOT54-0608		DOT68-0608	DOT69-0608	DOT69S-0608
1/2"	1/4" Male NPT	DOT54-0804	DOT54S-0804	DOT68-0804	DOT69-0804	DOT69S-0804
	3/8" Male NPT	DOT54-0806	DOT54S-0806	DOT68-0806	DOT69-0806	DOT69S-0806
	1/2" Male NPT	DOT54-0808	DOT54S-0808	DOT68-0808	DOT69-0808	DOT69S-0808
5/8"	3/8" Male NPT	DOT54-1006		DOT68-1006	DOT69-1006	DOT69S-1006
	1/2" Male NPT	DOT54-1008	DOT54S-1008	DOT68-1008	DOT69-1008	DOT69S-1008
3/4"	1/2" Male NPT	DOT54-1208		DOT68-1208	DOT69-1208	DOT69S-1208
	3/4" Male NPT	DOT54-1212	DOT54S-1212	DOT68-1212	DOT69-1212	DOT69S-1212

TechniDOT™ Air Brake Tubing & Fittings



Tube	Thread	Hex Female Straight	Female Rigid Elbow	Female Swivel Elbow	Female Rigid Branch Tee	Female Swivel Branch Tee	Female Bulkhead Union
1/4"	1/8" Female NPT	DOT66-0402	DOT70-0402		DOT77-0402	DOT77S-0402	DOT86-0402
	1/4" Female NPT	DOT66-0404	DOT70-0404	DOT70S-0404	DOT77-0404	DOT77S-0404	DOT86-0404
	3/8" Female NPT		DOT70-0406				
3/8"	1/4" Female NPT	DOT66-0604	DOT70-0604		DOT77-0604	DOT77S-0604	DOT86-0604
	3/8" Female NPT	DOT66-0606	DOT70-0606		DOT77-0606		DOT86-0606
1/2"	3/8" Female NPT	DOT66-0806					DOT86-0806
	1/2" Female NPT	DOT66-0808	DOT70-0808				



Tube 1	Tube 2	Thread	Male Rigid Run Tee	Male Swivel Run Tee	Male Rigid Branch Tee	Male Swivel Branch Tee	Reducing Male Rigid Run Tee
1/4"	1/4"	1/8" Male NPT	DOT71-0402	DOT71S-0402	DOT72-0402	DOT72S-0402	
		1/4" Male NPT	DOT71-0404	DOT71S-0404	DOT72-0404	DOT72S-0404	
3/8"	1/4"	1/4" Male NPT					DOT78-060404
	3/8"	1/8" Male NPT				DOT72S-0602	
		1/4" Male NPT	DOT71-0604	DOT71S-0604	DOT72-0604	DOT72S-0604	
		3/8" Male NPT	DOT71-0606	DOT71S-0606	DOT72-0606		
1/2"	1/2"	1/4" Male NPT			DOT72-0804	DOT72S-0804	
		3/8" Male NPT	DOT71-0806	DOT71S-0806	DOT72-0806	DOT72S-0806	
		1/2" Male NPT		DOT71S-0808		DOT72S-0808	



Tube	Union	Bulkhead Union	Union Tee	Union Elbow
5/32"	DOT62-05			
1/4"	DOT62-04	DOT82-04	DOT64-04	DOT65-04
1/4" x 3/8"			DOT79-0406	
3/8"	DOT62-06	DOT82-06	DOT64-06	DOT65-06
3/8" x 5/32"			DOT79-0605	
3/8" x 1/4"			DOT79-0604	
1/2"	DOT62-08	DOT82-08	DOT64-08	DOT65-08
5/8"	DOT62-10	DOT82-10	DOT64-10	
3/4"	DOT62-12		DOT64-12	



TechniDOT™ Air Brake Tubing & Fittings

TechniDOT™ Compression Fittings (For Use with SAE J844 Nylon Tubing)



Tube	Ferrule	Nut	Union	Union Tee	Tube Insert
1/4"	DOT60-04	DOT61-04	DOT62C-04	DOT64C-04	DOT73C-04
1/4" x 3/8" x 3/8"				DOT64C-040606	
3/8"	DOT60-06	DOT61-06	DOT62C-06	DOT64C-06	DOT73C-06
3/8" x 3/8" x 1/4"				DOT64C-060604	
1/2"	DOT60-08	DOT61-08	DOT62C-08	DOT64C-08	DOT73C-08
1/2" x 1/2" x 3/8"				DOT64C-080806	
5/8"	DOT60-10	DOT61-10	DOT62C-10	DOT64C-10	DOT73C-10
3/4"	DOT60-12	DOT61-12	DOT62C-12	DOT64C-12	DOT73C-12



Tube	Thread	Male Connector	90° Male Elbow	Male Run Tee	Male Branch Tee	45° Male Elbow
1/4"	1/8" Male NPT	DOT68C-0402	DOT69C-0402	DOT71C-0402	DOT72C-0402	DOT95C-0402
	1/4" Male NPT	DOT68C-0404	DOT69C-0404	DOT71C-0404	DOT72C-0404	DOT95C-0404
	3/8" Male NPT	DOT68C-0406	DOT69C-0406			
3/8"	1/8" Male NPT	DOT68C-0602	DOT69C-0602		DOT72C-0602	DOT95C-0602
	1/4" Male NPT	DOT68C-0604	DOT69C-0604	DOT71C-0604	DOT72C-0604	DOT95C-0604
3/8" x 1/4"	1/4" Male NPT			DOT71C-060404		
3/8"	3/8" Male NPT	DOT68C-0606	DOT69C-0606	DOT71C-0606	DOT72C-0606	DOT95C-0606
	1/2" Male NPT	DOT68C-0608	DOT69C-0608			DOT95C-0608
1/2"	1/4" Male NPT	DOT68C-0804	DOT69C-0804		DOT72C-0804	DOT95C-0804
	3/8" Male NPT	DOT68C-0806	DOT69C-0806	DOT71C-0806	DOT72C-0806	DOT95C-0806
	1/2" Male NPT	DOT68C-0808	DOT69C-0808	DOT71C-0808	DOT72C-0808	DOT95C-0808
	3/4" Male NPT	DOT68C-0812				
5/8"	3/8" Male NPT	DOT68C-1006	DOT69C-1006			DOT95C-1006
	1/2" Male NPT	DOT68C-1008	DOT69C-1008	DOT71C-1008	DOT72C-1008	DOT95C-1008
3/4"	1/2" Male NPT	DOT68C-1208	DOT69C-1208			DOT95C-1208
	3/4" Male NPT	DOT68C-1212				

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TechniDOT™ Air Brake Tubing & Fittings

TechniDOT™ Rubber Hose Fittings (For Use with SAE J1402 Rubber Hose)



Hose ID	Thread	Male Connector With Spring	Male Connector Without Spring	Female Crimp Connector	Male Connector Body
3/8"	1/4"	DOT78RH-0604	DOT68RH-0604		
	3/8"	DOT78RH-0606	DOT68RH-0606		DOT66RHB-0606
	1/2"	DOT78RH-0608	DOT68RH-0608		DOT66RHB-0608
	3/4"			DOT66RH-0612	
1/2"	3/8"	DOT78RH-0806	DOT68RH-0806		DOT66RHB-0806
	1/2"	DOT78RH-0808	DOT68RH-0808		DOT66RHB-0808
	7/8"			DOT66RH-0814	



Hose ID	Sleeve	Replacement Nut	Spring Guard Nut	Rubber Union	Spring
3/8"	DOT60RH-06	DOT61RH-06	DOT71RH-06	DOT62RH-06	DOT70RH-06
1/2"	DOT60RH-08	DOT61RH-08	DOT71RH-08	DOT62RH-08	DOT70RH-08

TechniDOT™ Threaded Adapters



Thread 1	Thread 2	Male Adapter
3/8"	1/4"	DOT88-0604

TechniDOT™ Air Brake Tubing & Fittings

TechniDOT™ Fittings and Adapters



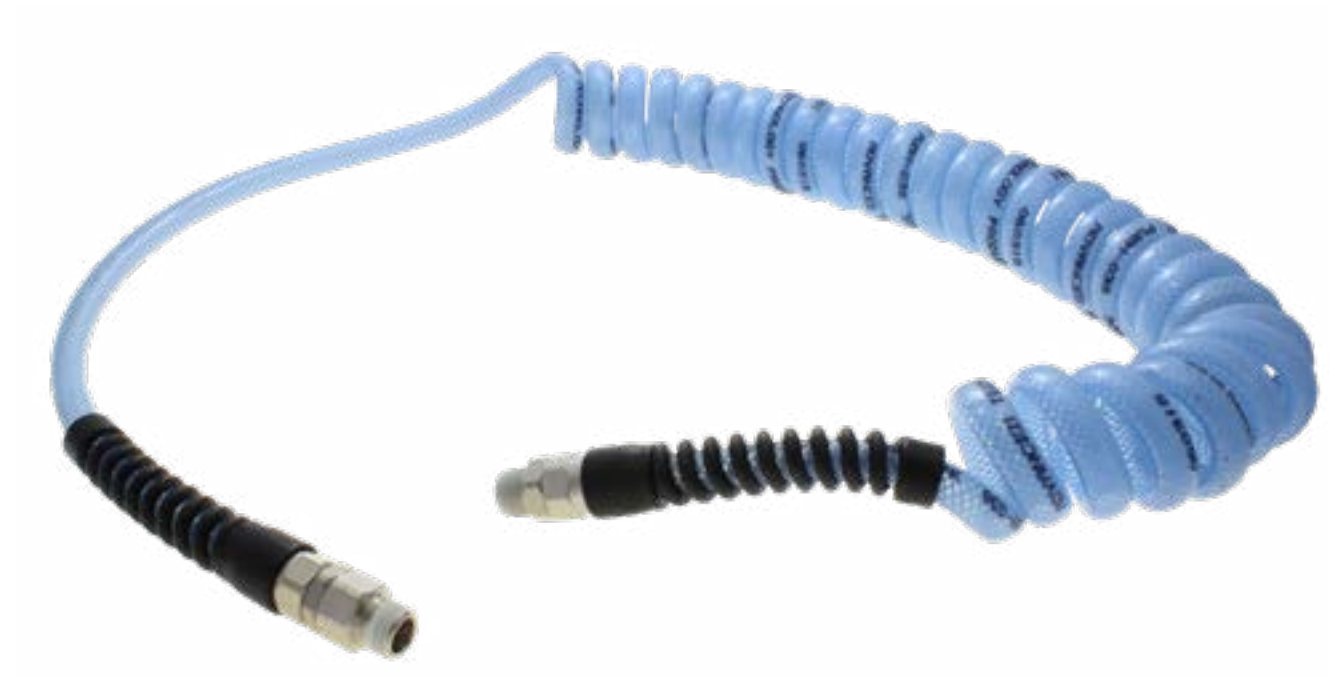
Thread 1	Thread 2	Male x Male Connector	Male x Female Connector	Female x Male Forget Street Elbow	45 Deg Street Elbow	Male x Female Clamping Bulkhead
3/8"	1/4"	MC03-02-VS				
	3/8"		MFC03-03-VS	STLF03-03-VS	45STL03-03-VS	
1/2"	1/2"					BHCF-08-04F



Thread 1	Thread 2	Female x Male Street Elbow	Male x Female Street Tee	Anchor Coupling	Parking Drain Cock
1/8"	1/8"		STT01-01-VS	MFAC-02	
1/4"	1/4"	STL02-02-VS	STT01-02-VS	MFAC-04	DC604-4G-VS
3/8"	3/8"	STL03-03-VS	STT03-03-VS	MFAC-06	
1/2"	1/2"		STT04-04-VS	MFAC-08	

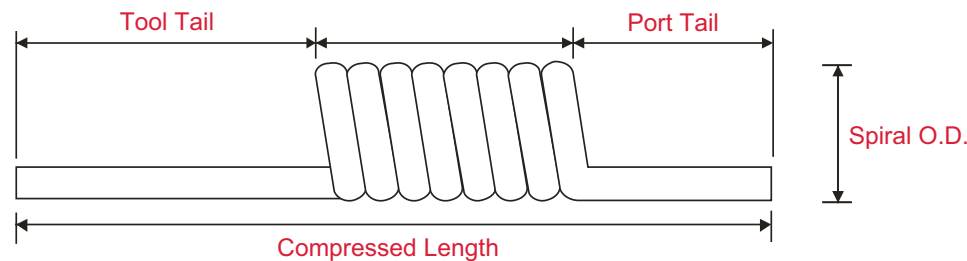
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Spiral Recoil Hose



Spiral Recoil Hose

Spiral Hose General Information



- Total Length:** Total Length of Tubing before Spiraling
- Working Length:** How Far the Spiral (Including Tails) will Stretch (Also known as Service Length)
- Tail Length:** Straight Lengths of Hose on the Ends of Spirals
- Spiral OD:** Outside Diameter of the Spiral Assembly

Specifications by Series

Series	Working Pressure (at 68F)	Burst Pressure (at 68F)	Temperature Range	Vacuum Rating	Hardness	Tail 1 Length	Tail 2 Length	Safety Factor	Working Length vs Total	Material
Technithane™ Spiral	140 psi (8 Bar)	420 psi (30 Bar)	-68F (-55C) to 140F (60C)	28" HG	Shore 98A	20 in	4 in	3:1	80%	Polyurethane (PU)
Armored Technithane™ Spiral	310 psi (21 Bar)	930 psi (63 Bar)	-40F (-40C) to 120F (49C)	28" HG	Shore 98A + 85A	20 in	4 in	3:1	80%	Reinforced Polyurethane (PU)
Nylon Spiral	200 psi (14,3 Bar)	800 psi (57 Bar)	-60F (-52C) to 200F (93C)	28" HG	Shore 70D	None	None	4:1	80%	Nylon (PA)



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Spiral Recoil Hose



Technithane™ Polyurethane Spiral Hose

Technithane™ Spirals are manufactured from tough polyurethane resin, providing a flexible & lightweight alternative to Nylon Spirals. Technithane™ Spirals' 98A construction provides excellent memory and retraction strength.

- Lightweight and Abrasion Resistant
- Resists Kinking
- Reusable Nickel-Plated Fittings with Bend Restrictors
- Excellent Coil Memory
- Thread Sealant Supplied on All Fittings
- Widest Variety of Colors, Sizes, and Threads in ATP's Offering
- Available with Quick Disconnect Fittings
- Custom Assemblies Available – Contact ATP



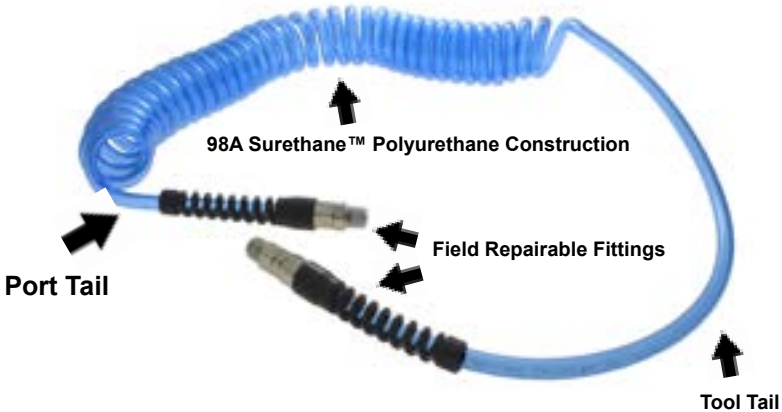
TT - 14 - 10 -BK - RS

Model		ID x OD (Nominal)		Total Length		Color		Fittings	
TT	Technithane™	316	3/16" x 5/16"	10	10 ft	BK	Black	RS	Rigid & Swivel
		14	1/4" x 3/8"	15	15 ft	C	Clear	RR	Rigid & Rigid
		2164	21/64" x 1/2"	20	20 ft	CB	Clear Blue	SS	Swivel & Swivel
		38	3/8" x 9/16"	25	25 ft	G	Green	Q	Premium Series (Auto)
		1332	13/32" x 5/8"	2.5	2.5m	GY	Gray	E	Economy Series (Manual)
		12	1/2" x 3/4"	5	5m	LB	Light Blue	DF	Safety-Slide™
		8	5mm x 8mm	7.5	7.5m	LG	Light Green		
		10	6.5mm x 10mm	10	10m	NB	Navy Blue		
		12	8mm x 12mm			OR	Orange		
		16	11mm x 16mm			R	Red		
						W	White		
						Y	Yellow		

Specifications	
Material	Polyurethane (Ether-Based)
Hardness	Shore 98A
Temperature Range	-68°F to 140°F (-55°C to 60°C)
Working Pressure at 68°F	140 psi (9.6 Bar)
Vacuum Rating	28" HG
Safety Factor	3:1
Tariff Code	3917.33.0000

Fitting Compatibility
H-Style Compression Replacement Fitting (Page 104)

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Rigid Fitting with Bend-Restrictor



Swivel Fitting with Bend-Restrictor

Spiral Recoil Hose

Fractional (NPT Threads) & Metric (BSPT(R) Threads) Sizes

Model (Select Color & Fitting Style)	ID	OD	Working Length	Total Length	Thread	Compressed Length	Tool Tail Length	Port Tail Length	Total Turns	Spiral OD
TT-316-10-_-_-	0.187" (3/16")	0.312" (5/16")	8'	10'	1/4" Male NPT	31.125"	20"	4"	19	1.625"
TT-316-15-_-_-			12'	15'		35.875"			31	
TT-316-20-_-_-			16'	20'		40.250"			42	
TT-316-25-_-_-			20'	25'		45.000"			54	
TT-14-10-_-_-	0.250" (1/4")	0.375" (3/8")	8'	10'	1/4" Male NPT	31.125"	20"	4"	14	2.002"
TT-14-15-_-_-			12'	15'		35.625"			23	
TT-14-20-_-_-			16'	20'		39.750"			39	
TT-14-25-_-_-			20'	25'		44.250"			52	
TT-14-30-_-_-			24'	30'		50.000"			69	
TT-2164-10-_-_-	0.328" (21/64")	0.500" (1/2")	8'	10'	3/8" Male NPT	31.000"	20"	4"	12	2.681"
TT-2164-15-_-_-			12'	15'		44.000"			19	
TT-2164-20-_-_-			16'	20'		31.000"			26	
TT-2164-25-_-_-			20'	25'		45.000"			34	
TT-2164-30-_-_-			24'	30'		50.000"			52	
TT-38-10-_-_-	0.375" (3/8")	0.562" (9/16")	8'	10'	3/8" Male NPT	31.000"	20"	4"	12	3.125"
TT-38-15-_-_-			12'	15'		36.000"			19	
TT-38-20-_-_-			16'	20'		40.000"			26	
TT-38-25-_-_-			20'	25'		45.000"			34	
TT-38-30-_-_-			24'	30'		47.000"			37	
TT-1332-10-_-_-	0.406" (13/32")	0.625" (5/8")	8'	10'	1/2" Male NPT	29.000"	20"	4"	9	4.254"
TT-1332-15-_-_-			12'	15'		32.750"			13	
TT-1332-20-_-_-			16'	20'		35.875"			19	
TT-1332-25-_-_-			20'	25'		39.000"			24	
TT-12-15-_-_-	0.500" (1/2")	0.750" (3/4")	12'	15'	1/2" Male NPT Rigid/Swivel	33.750"	20"	4"	13	4.500"
TT-12-20-_-_-			16'	20'		36.000"			19	
TT-12-25-_-_-			20'	25'		42.000"			24	
TT-8-2.5-_-_-	5mm	8mm	2m	2.5m	1/4" Male BSPT(R)	78cm	500mm	100mm	18	42mm
TT-8-5-_-_-			4m	5m		100cm			42	
TT-8-7.5-_-_-			6m	7.5m		123cm			66	
TT-8-10-_-_-			8m	10m		140cm			90	
TT-10-2.5-_-_-	6.5mm	10mm	2m	2.5m	1/4" Male BSPT(R)	78cm	500mm	100mm	15	52mm
TT-10-5-_-_-			4m	5m		100cm			34	
TT-10-7.5-_-_-			6m	7.5m		123cm			53	
TT-10-10-_-_-			8m	10m		140cm			72	
TT-12-2.5-_-_-	8mm	12mm	2m	2.5m	3/8" Male BSPT(R)	78cm	500mm	100mm	11	65mm
TT-12-5-_-_-			4m	5m		100cm			26	
TT-12-7.5-_-_-			6m	7.5m		119cm			41	
TT-12-10-_-_-			8m	10m		138cm			56	
TT-16-2.5-_-_-	11mm	16mm	2m	2.5m	1/2" Male BSPT(R)	72cm	500mm	100mm	7	108mm
TT-16-5-_-_-			4m	5m		84cm			16	
TT-16-7.5-_-_-			6m	7.5m		100cm			24	
TT-16-10-_-_-			8m	10m		117cm			33	

Note: For Discontinued Techniblu™ Part Numbers, Use Clear Blue (CB) Color Suffix



Spiral Recoil Hose

How to Build a Quick Disconnect Spiral Hose

Choose Hose ID, Length AND Coupling Code for Quick Disconnect Coupling Style

Technithane™ Fractional Sizes with Pneumatic Quick Disconnect Fittings

Model (select color & fitting style)	ID	OD	Working Length	Total Length	Available QD	Available QD Coupling Codes	Body Size Interchange	Compressed Length	Tool Tail Length	Port Tail Length	Total Turns	Spiral OD
TT-316-10-__	0.187" (3/16")	0.312" (5/16")	8'	10'	Premium Series (Automatic), Economy Series (Manual), Safety-Slide™	Q	1/4" Industrial	31.125"	20"	4"	19	1.625"
TT-316-15-__			12'	15'		E		35.875"			31	
TT-316-20-__			16'	20'		DF		40.250"			42	
TT-316-25-__			20'	25'		DF		45.000"			54	
TT-14-10-__	0.250" (1/4")	0.375" (3/8")	8'	10'	Premium Series (Automatic), Economy Series (Manual), Safety-Slide™	Q	1/4" Industrial	31.125"	20"	4"	14	2.002"
TT-14-15-__			12'	15'		E		35.625"			23	
TT-14-20-__			16'	20'		DF		39.750"			39	
TT-14-25-__			20'	25'		DF		44.250"			40	
TT-14-30-__			24'	30'		DF		50.000"			69	
TT-2164-10-__	0.328" (21/64")	0.500" (1/2")	8'	10'	Premium Series (Automatic), Economy Series (Manual), Safety-Slide™	Q	3/8" Industrial	31.000"	20"	4"	12	2.681"
TT-2164-15-__			12'	15'		E		44.000"			19	
TT-2164-20-__			16'	20'		DF		31.000"			26	
TT-2164-25-__			20'	25'		DF		45.000"			34	
TT-2164-30-__			24'	30'		DF		50.000"			52	
TT-38-10-__	0.375" (3/8")	0.562" (9/16")	8'	10'	Premium Series (Automatic), Economy Series (Manual), Safety-Slide™	Q	1/4" or 3/8" Industrial	31.000"	20"	4"	12	3.125"
TT-38-15-__			12'	15'		E		36.000"			19	
TT-38-20-__			16'	20'		DF		40.000"			26	
TT-38-25-__			20'	25'		DF		45.000"			34	
TT-38-30-__			24'	30'		DF		47.000"			37	
TT-1332-10-__	0.406" (13/32")	0.625" (5/8")	8'	10'	Safety-Slide™	DF	1/2" Industrial	29.000"	20"	4"	9	4.254"
TT-1332-15-__			12'	15'		DF		32.750"			13	
TT-1332-20-__			16'	20'		DF		35.875"			19	
TT-1332-25-__			20'	25'		DF		39.000"			24	
TT-12-15-__	0.500" (1/2")	0.750" (3/4")	12'	15'	Safety-Slide™	DF	1/2" Industrial	33.750"	20"	4"	13	4.500"
TT-12-20-__			16'	20'		DF		36.000"			19	
TT-12-25-__			20'	25'		DF		42.000"			24	

Color	
BK	Black
C	Clear
CB	Clear Blue
G	Green
GY	Gray
LB	Light Blue
LG	Light Green
NB	Navy Blue
OR	Orange
R	Red
W	White
Y	Yellow

Note: for 1/4" Body Size on a 3/8" ID hose, add "2" at the end. Example: DF2

Available QD Coupling Codes		
Code	Series	Catalog Page
Q	Premium Series (Auto)	108
E	Economy Series (Manual)	118
DF	Safety-Slide™	121



Premium



Economy



Safety-Slide™

Note: These items are not assembled or stocked, additional lead time required



Spiral Recoil Hose



Nylon Spiral

Nylon Spirals are a great choice for industrial environments due to their excellent coil memory and chemical resistance. Nylon is the standard for applications that require increased working pressure and abrasion-resistance, such as machining centers.

- Excellent Abrasion-Resistance
- Economical
- Low Moisture-Absorption Rate
- High Retraction-Strength
- Equipped with Swivel Fittings
- Reusable Nickel-Plated Fittings with Bend Restrictors
- Thread Sealant Supplied on All Fittings
- Available in Assemblies or Bulk

NS - 14 - 12 - Y

Specifications	
Material	Nylon 12 (Polyamide 12)
Hardness	Shore 70D
Temperature Range	-60°F to 200°F (-51°C to 93°C)
Working Pressure at 68°F	1/4" - 250 PSI (17,7 Bar) 3/8" - 240 PSI (16,5 Bar) 1/2" - 210 PSI (14,5 Bar)
Vacuum Rating	28" HG
Safety Factor	4:1
Tariff Code	3917.33.0000

Model		Inside Diameter		Total Length		Color	
NS	Nylon Spiral	14	1/4"	12	12.5 ft	Y	Yellow
		38	3/8"	25	25 ft	R	Red
		12	1/2"	50	50 ft		

Fitting Compatibility
N-Style Compression Replacement Fitting (Page 105)

Fractional (NPT Threads) Sizes

Model (choose color)	ID	OD	Working Length	Total Length	Thread	Compressed Length	Total Turns	Spiral OD
NS-14-12-__	0.250" (1/4")	0.312" (5/16")	10'	12.5'	1/4" Male NPT	4.7"	15	3.63"
NS-14-25-__			20'	25'		9.5"	29	
NS-14-50-__			40'	50'		19.0"	58	
NS-14-50-__-BULK			40'	50'	No Fittings	19.0"	58	
NS-38-12-__02	0.375" (3/8")	0.500" (1/2")	10'	12.5'	1/4" Male NPT	4.5"	9	6.00"
NS-38-25-__02			20'	25'		9.0"	18	
NS-38-50-__02			40'	50'		18.0"	35	
NS-38-12-__03			10'	12.5'	3/8" Male NPT	4.5"	9	
NS-38-25-__03			20'	25'		9.0"	18	
NS-38-50-__03			40'	50'		18.0"	35	
NS-38-50-__-BULK			40'	50'	No Fittings	18.0"	35	
NS-12-12-__	0.500" (1/2")	0.625" (5/8")	10'	12.5'	1/2" Male NPT	6.0"	6	7.00"
NS-12-25-__			20'	25'		10.5"	13	
NS-12-50-__			40'	50'		19.5"	27	
NS-12-50-__-BULK			40'	50'	No Fittings	19.5"	27	



Spiral Recoil Hose

Armored Technithane™ Reinforced PU Spiral



Armored Technithane™ Spiral

Armored Technithane™ Spiral hoses feature a sturdy weave of braided reinforcement between the inner and outer layers, increasing durability and working pressure. The reduced diameter of the spiral enables higher retraction strength, preventing tangles often associated with other hoses.

- UV Stabilized
- Excellent Abrasion-Resistance
- Increased Working Pressure
- Reusable Nickel-Plated Fittings with Bend Restrictors
- Thread Sealant Supplied on All Fittings
- Available with Quick Disconnect Fittings
- Custom Assemblies Available – Contact ATP

AT - 14 - 10 - CB - RS

Specifications	
Material	Polyurethane (Ether-Based)
Hardness	Shore 98A
Color	Clear Blue
Temperature Range	-40°F to 120°F (-40°C to 49°C)
Working Pressure at 68°F	300 psi (21.3 Bar)
Vacuum Rating	28" HG
Safety Factor	3:1
Tariff Code	3917.33.0000

Fitting Compatibility
H-Style Compression Replacement Fitting (Page 104)

Model		Inside Diameter (Nominal)		Total Length		Color		Fittings	
AT	Armored Technithane™	14	1/4"	10	10 ft	CB	Clear Blue	RS	Rigid & Swivel
		15	3/8"	15	15 ft			Q	Premium Series (Auto)
		20	1/2"	20	20 ft			E	Economy (Manual)
		25		25	25 ft			DF	Safety-Slide™
		30		30	30 ft				
		35		35	35 ft				

WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov



Fractional (NPT Threads) Sizes

Model	ID	OD	Working Length	Total Length	Thread	Compressed Length	Tool Tail Length	Port Tail Length	Total Turns	Spiral OD
AT-14-10-CB-RS	0.250" (1/4")	0.375" (3/8")	8'	10'	1/4" Male NPT Rigid / Swivel	35.2"	20"	4"	30	1.63"
AT-14-15-CB-RS			12'	15'		41.2"			46	
AT-14-20-CB-RS			16'	20'		47.7"			63	
AT-14-25-CB-RS			20'	25'		54.7"			82	
AT-14-30-CB-RS			24'	30'		60.7"			98	
AT-38-10-CB-RS	0.375" (3/8")	0.562" (9/16")	8'	10'	3/8" Male NPT Rigid / Swivel	31.0"	20"	4"	14	2.38"
AT-38-15-CB-RS			12'	15'		42.0"			32	
AT-38-20-CB-RS			16'	20'		49.5"			45	
AT-38-25-CB-RS			20'	25'		56.7"			58	
AT-38-30-CB-RS			24'	30'		63.0"			69	
AT-38-35-CB-RS			28'	35'		70.7"			83	
AT-12-15-CB-RS	0.500" (1/2")	0.750" (3/4")	12'	15'	1/2" Male NPT Rigid / Swivel	40.5"	20"	4"	22	4.50"
AT-12-20-CB-RS			16'	20'		46.5"			30	
AT-12-25-CB-RS			20'	25'		53.2"			39	
AT-12-30-CB-RS			24'	30'		58.5"			46	

Spiral Recoil Hose

How to Build a Quick Disconnect Spiral Hose

Choose Hose ID, Length AND Coupling Code for Quick Disconnect Coupling Style

Armored Technithane™ Fractional Sizes with Pneumatics Quick Disconnects

Model (Choose Fitting)	ID	OD	Working Length	Total Length	Available QD	Available QD Coupling Codes	Body Size/ Interchange	Retracted Length	Tool Tail Length	Port Tail Length	Total Turns	Spiral OD
AT-14-10-CB-_ AT-14-15-CB-_ AT-14-20-CB-_ AT-14-25-CB-_ AT-14-30-CB-_ AT-38-10-CB-_ AT-38-15-CB-_ AT-38-20-CB-_ AT-38-25-CB-_ AT-38-30-CB-_ AT-38-35-CB-_ AT-12-15-CB-_ AT-12-20-CB-_ AT-12-25-CB-_ AT-12-30-CB-_ 	0.250" (1/4")	0.375" (3/8")	8'	10'	Premium Series (Automatic), Economy Series (Manual), Safety- Slide™	Q	1/4" Industrial	35.25"	20"	4"	30	1.625"
12'			15'	E		41.25"		46				
16'			20'			47.75"		63				
20'			25'			54.75"		82				
24'			30'			DF		60.75"			98	
12'	15'	Premium Series (Automatic), Economy Series (Manual), Safety- Slide™	Q	1/4" or 3/8" Industrial	31.00"	20"	4"	14	2.375"			
12'	15'				E			42.00"		32		
16'	20'							49.50"		45		
20'	25'							56.75"		58		
24'	30'							DF		63.00"	69	
28'	35'	70.75"	83									
12'	15'	Safety- Slide™	DF	1/2" Industrial	40.50"	20"	4"	22	4.500"			
16'	20'				46.50"			30				
20'	25'				53.25"			39				
24'	30'				58.50"			46				

Note: for 1/4" Body Size on a 3/8" ID hose, add "2" at the end. Example: DF2

Available QD Coupling Codes		
Code	Series	Catalog Page
Q	Premium Series (Auto)	108
E	Economy Series (Manual)	118
DF	Safety-Slide™	121



Premium



Economy



Safety-Slide™



WARNING: Cancer and Reproductive Harm
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Spiral Recoil Hose

TechniSpiral™

Single Tube NSF 51® Polyurethane Spirals



ATP's Polyurethane TechniSpiral™ is constructed of NSF 51® Certified Surethane™ Tubing. Constructed of ether-based resin, Polyurethane TechniSpirals resist hydrolysis brought on by humidity and contact with moisture.

- Resists Kinking
- Excellent Coil Memory
- Wide Variety of Sizes and Colors

1 PS - 532 - 05 - BK

1	TechniSpiral™	Material		Tubing OD		Number of Turns		Color	
		PS	98A PU	04M/532	4mm/ 5/32"	05	5	BK	Black
				14	1/4"	10	10	C	Clear
				38	3/8"	15	15	CB	Clear Blue
				12	1/2"	20	20	G	Green
				06M	6mm	30	30	LB	Light Blue
				08M/516	8mm/5/16"	40	40	NB	Navy Blue
				10M	10mm			R	Red
				12M	12mm			W	White
								Y	Yellow

Specifications

Temperature Range	-40°F to 160°F*
Vacuum Rating	28" HG
Hardness	Shore 98A
Safety Factor	3:1
Material	PU (Polyurethane)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

* Note: Green, Clear Green, Yellow, -40°F to 150°F

Certifications/Compliance

ROHS Compliant
NSF 51® Certified
Meets NSF 61® Requirements

Fitting Compatibility

Technifit™ Push to Connect (Page 41-75)
Compression Fittings
Hose Barb (Page 129)



Spiral Recoil Hose

Fractional Sizes

Model (choose color)	O.D.	I.D.	Total Turns	Working Length	Retracted Length	Tail Length	Working Pressure at 75°F	Spiral O.D.
1PS-04M/532-05-__	0.156" (5/32")	0.093"	5	1.20'	8.75"	4" & 4"	200 psi	0.875"
1PS-04M/532-10-__			10	2.00'	9.50"			
1PS-04M/532-15-__			15	2.70'	10.25"			
1PS-04M/532-20-__			20	3.50'	11.10"			
1PS-04M/532-30-__			30	5.40'	12.87"			
1PS-04M/532-40-__			40	6.50'	14.31"			
1PS-14-05-__	0.250" (1/4")	0.156" (5/32")	5	1.70'	9.25"	4" & 4"	180 psi	1.500"
1PS-14-10-__			10	2.90'	10.50"			
1PS-14-15-__			15	4.00'	11.75"			
1PS-14-20-__			20	5.30'	13.00"			
1PS-14-30-__			30	7.60'	15.50"			
1PS-14-40-__			40	10.00'	18.00"			
1PS-08M/516-05-__	0.313" (5/16")	0.187" (3/16")	5	1.74'	9.50"	4" & 4"	175 psi	1.610"
1PS-08M/516-10-__			10	2.99'	11.00"			
1PS-08M/516-15-__			15	4.27'	12.62"			
1PS-08M/516-20-__			20	5.51"	14.25"			
1PS-08M/516-30-__			30	7.97'	17.37"			
1PS-08M/516-40-__			40	10.50'	20.50"			
1PS-38-05-__	0.375" (3/8")	0.250" (1/4")	5	2.00'	9.87"	4" & 4"	150 psi	2.000"
1PS-38-10-__			10	3.60'	11.75"			
1PS-38-15-__			15	5.20'	16.62"			
1PS-38-20-__			20	6.70'	15.50"			
1PS-38-30-__			30	9.80'	19.25"			
1PS-38-40-__			40	12.90'	23.00"			
1PS-12-05-__	0.500" (1/2")	0.325"	5	2.60'	10.50"	4" & 4"	150 psi	2.625"
1PS-12-10-__			10	4.70'	13.00"			
1PS-12-15-__			15	6.70'	15.50"			
1PS-12-20-__			20	8.70'	18.00"			
1PS-12-30-__			30	12.90'	23.00"			
1PS-12-40-__			40	17.00'	28.00"			



Spiral Recoil Hose

Metric Sizes

Model (choose color)	O.D.	I.D.	Total Turns	Working Length	Retracted Length	Tail Length	Working Pressure at 75°F	Spiral O.D.
1PS-04M/532-05- <u> </u>	4mm	2.4mm	5	37cm	22cm	100mm & 100mm	200 psi (13,7 Bar)	24mm
1PS-04M/532-10- <u> </u>			10	60cm	24cm			
1PS-04M/532-15- <u> </u>			15	82cm	26cm			
1PS-04M/532-20- <u> </u>			20	105cm	28cm			
1PS-04M/532-30- <u> </u>			30	151cm	32cm			
1PS-04M/532-40- <u> </u>			40	197cm	36cm			
1PS-06M-05- <u> </u>	6mm	4mm	5	51cm	23cm	100mm & 100mm	180 psi (12,4 Bar)	37mm
1PS-06M-10- <u> </u>			10	86cm	26cm			
1PS-06M-15- <u> </u>			15	123cm	29cm			
1PS-06M-20- <u> </u>			20	160cm	32cm			
1PS-06M-30- <u> </u>			30	230cm	38cm			
1PS-06M-40- <u> </u>			40	302cm	44cm			
1PS-08M/516-05- <u> </u>	8mm	4.7mm	5	53cm	24cm	100mm & 100mm	175 psi (12 Bar)	41mm
1PS-08M/516-10- <u> </u>			10	91cm	28cm			
1PS-08M/516-15- <u> </u>			15	130cm	32cm			
1PS-08M/516-20- <u> </u>			20	168cm	36cm			
1PS-08M/516-30- <u> </u>			30	243cm	44cm			
1PS-08M/516-40- <u> </u>			40	320cm	52cm			
1PS-10M-05- <u> </u>	10mm	6.5mm	5	62cm	25cm	100mm & 100mm	150 psi (10,3 Bar)	52mm
1PS-10M-10- <u> </u>			10	110cm	30cm			
1PS-10M-15- <u> </u>			15	160cm	35cm			
1PS-10M-20- <u> </u>			20	205cm	40cm			
1PS-10M-30- <u> </u>			30	301cm	50cm			
1PS-10M-40- <u> </u>			40	396cm	60cm			
1PS-12M-05- <u> </u>	12mm	8mm	5	78cm	26cm	100mm & 100mm	150 psi (10,3 Bar)	66mm
1PS-12M-10- <u> </u>			10	138cm	32cm			
1PS-12M-15- <u> </u>			15	200cm	38cm			
1PS-12M-20- <u> </u>			20	262cm	44cm			
1PS-12M-30- <u> </u>			30	387cm	56cm			
1PS-12M-40- <u> </u>			40	512cm	68cm			



Spiral Recoil Hose

TechniSpiral™

Single Tube Nylon Spirals

ATP's Nylon TechniSpiral™ is constructed of Nylon 12 tubing. Like Nylochem® Tubing, these spirals are well suited for applications that require increased working pressures and temperatures.

- Thinner Wall Enables Higher Flow Rates
- Superior Moisture Absorption Rates
- Broad Chemical Resistance
- UV Stabilized, Ideal for Outdoor Use

1 N - 532 - 05 - BK

1	TechniSpiral™	Material		Tubing OD		Number of Turns		Color	
		N	Nylon 12 (PA)						
				04M/532	4mm / 5/32"	05	5	BK	Black
				14	1/4"	10	10	NB	Navy Blue
				08M/516	8mm / 5/16"	15	15	G	Green
				38	3/8"	20	20	NA	Natural
				12	1/2"	30	30	R	Red
				58	5/8"	40	40	Y	Yellow
				06M	6mm				
				10M	10mm				
				12M	12mm				

Specifications

Temperature Range	-60°F to 200°F*
Vacuum Rating	28" HG
Hardness	Shore 70D/Rockwell 78R
Safety Factor	4:1
Material	Nylon 12 (Polyamide 12)
Pressure Range	See Charts
Media	Gases & Liquids
Tariff Code	3917.32.0000

Fitting Compatibility

Technifit™ Push to Connect (Page 41-75)
Compression Fittings



Spiral Recoil Hose

Fractional Sizes

Model (choose color)	O.D.	I.D.	Total Turns	Working Length	Retracted Length	Tail Length	Working Pressure at 75°F	Spiral O.D.
1N-04M/532-05- <u> </u>	0.156" (5/32")	0.106"	5	1.20'	9.500"	4" & 4"	350 psi	0.875"
1N-04M/532-10- <u> </u>			10	2.00'	11.125"			
1N-04M/532-15- <u> </u>			15	2.70'	12.625"			
1N-04M/532-20- <u> </u>			20	3.50'	14.250"			
1N-04M/532-30- <u> </u>			30	5.40'	17.500"			
1N-04M/532-40- <u> </u>			40	6.50'	20.625"			
1N-14-05- <u> </u>	0.250" (1/4")	0.180"	5	1.70'	10.500"	4" & 4"	290 psi	1.62"
1N-14-10- <u> </u>			10	2.90'	13.000"			
1N-14-15- <u> </u>			15	4.00'	15.500"			
1N-14-20- <u> </u>			20	5.30'	18.000"			
1N-14-30- <u> </u>			30	7.60'	23.000"			
1N-14-40- <u> </u>			40	10.00'	28.000"			
1N-08M/516-05- <u> </u>	0.313" (5/16")	0.236	5	2.6'	9.4"	4" & 4"	250 psi	1.88"
1N-08M/516-10- <u> </u>			10	3.8'	11.0"			
1N-08M/516-15- <u> </u>			15	5.4'	12.5"			
1N-08M/516-20- <u> </u>			20	7.0'	14.1"			
1N-08M/516-30- <u> </u>			30	10.3'	17.3"			
1N-08M/516-40- <u> </u>			40	13.6'	20.4"			
1N-38-05- <u> </u>	0.375" (3/8")	0.275"	5	2.00'	11.750"	4" & 4"	250 psi	2.41"
1N-38-10- <u> </u>			10	3.60'	15.500'			
1N-38-15- <u> </u>			15	5.20'	19.250"			
1N-38-20- <u> </u>			20	6.70'	23.000"			
1N-38-30- <u> </u>			30	9.80'	30.500"			
1N-38-40- <u> </u>			40	12.90'	38.000"			
1N-12-05- <u> </u>	0.500" (1/2")	0.325" (3/8")	5	2.60'	13.000"	4" & 4"	240 psi	3.00"
1N-12-10- <u> </u>			10	4.70'	18.000"			
1N-12-15- <u> </u>			15	6.70'	23.000"			
1N-12-20- <u> </u>			20	8.770'	28.000"			
1N-12-30- <u> </u>			30	12.90'	38.000"			
1N-12-40- <u> </u>			40	17.00'	48.000"			



Spiral Recoil Hose

Metric Sizes

Model (choose color)	O.D.	I.D.	Total Turns	Working Length	Retracted Length	Tail Length	Working Pressure at 75°F	Spiral O.D.
1N-04M/532-05- 1N-04M/532-10- 1N-04M/532-15- 1N-04M/532-20- 1N-04M/532-30- 1N-04M/532-40-	4mm	2.7mm	5	52cm	22cm	100mm & 100mm	350 psi (24,1 Bar)	24mm
10			89cm	24cm				
15			126cm	26cm				
20			163cm	28cm				
30			237cm	32cm				
40			311cm	36cm				
1N-06M-05- 1N-06M-10- 1N-06M-15- 1N-06M-20- 1N-06M-30- 1N-06M-40-	6mm	4mm	5	59cm	23cm	100mm & 100mm	340 psi (23,4 Bar)	37mm
10			103cm	26cm				
15			146cm	29cm				
20			190cm	32cm				
30			277cm	38cm				
40			364cm	44cm				
1N-08M/516-05- 1N-08M/516-10- 1N-08M/516-15- 1N-08M/516-20- 1N-08M/516-30- 1N-08M/516-40-	8mm	6mm	5	65cm	24cm	100mm & 100mm	250 psi (17,2 Bar)	41.4mm
10			115cm	28cm				
15			165cm	32cm				
20			215cm	36cm				
30			315cm	44cm				
40			415cm	52cm				
1N-10M-05- 1N-10M-10- 1N-10M-15- 1N-10M-20- 1N-10M-30- 1N-10M-40-	10mm	8mm	5	81cm	25cm	100mm & 100mm	225 psi (15,5 Bar)	52mm
10			147cm	30cm				
15			213cm	35cm				
20			278cm	40cm				
30			410cm	50cm				
40			541cm	60cm				
1N-12M-05- 1N-12M-10- 1N-12M-15- 1N-12M-20- 1N-12M-30- 1N-12M-40-	12mm	10mm	5	94cm	26cm	100mm & 100mm	200 psi (13,7 Bar)	66mm
10			173cm	32cm				
15			256cm	38cm				
20			331cm	44cm				
30			489cm	56cm				
40			647cm	68cm				



Replacement Hose Fittings



Replacement Hose Fittings

ATP's Entire Line of Hose is Equipped with Field-Repairable, Reusable Fittings

Installation Procedure:

Installation of any replacement hose fitting is accomplished in 3 steps:

Step 1:

Cut the hose to the desired length. A square and clean cut can be accomplished with a hose or tubing cutter. Slide the bend restrictor onto the Hose.



Step 2:

Lubricate the barb fitting and insert into hose with steady, even pressure.



Step 3:

Tighten the bend restrictor/nut assembly onto the barb fitting.



Fittings Use by Hose Series

Fitting Series	Nylon	Technithane™	Strong™ Spiral	Strong-Plus™	Armored Technithane™	Armor-Air™	Striper™	Soft PU
H	X	✓	✓	✓	✓	✓	X	X
SH	X	X	X	✓	X	X	X	✓
STH	X	X	X	X	X	X	✓	X
N	✓	X	X	X	X	X	X	X

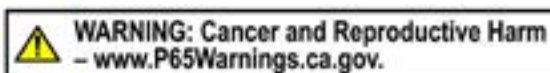
 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov

Replacement Hose Fittings

"H" Series



Model	Hose I.D. (Nominal)	Style	Thread
H14-1MSBR	1/4"	Rigid	1/8" Male NPT
H14-1MUSBR		Swivel	1/8" Male NPT
H14-2MSBR		Rigid	1/4" Male NPT
H14-2MUSBR		Swivel	1/4" Male NPT
H14-3MSBR		Rigid	3/8" Male NPT
H14-3MUSBR		Swivel	3/8" Male NPT
H2164-2MUSBR	21/64"	Swivel	1/4" Male NPT
H2164-3FSBR		Rigid	3/8" Female NPT
H2164-3FUSBR		Swivel	3/8" Female NPT
H2164-3MSBR		Rigid	3/8" Male NPT
H2164-3MUSBR		Swivel	3/8" Male NPT
H38-2MSBR	3/8"	Rigid	1/4" Male NPT
H38-2MUSBR		Swivel	1/4" Male NPT
H38-3FSBR		Rigid	3/8" Female NPT
H38-3MSBR		Rigid	3/8" Male NPT
H38-3MUSBR		Swivel	3/8" Male NPT
H38-4FSBR		Rigid	1/2" Female NPT
H1332-3MUSBR	13/32"	Swivel	3/8" Male NPT
H1332-4FSBR		Rigid	1/2" Female NPT
H1332-4MSBR		Rigid	1/2" Male NPT
H1332-4MUSBR		Swivel	1/2" Male NPT
H12-4FSBR	1/2"	Rigid	1/2" Female NPT
H12-4MSBR		Rigid	1/2" Male NPT
H12-4MUSBR		Swivel	1/2" Male NPT
H5-2MSBR	5mm	Rigid	1/4" Male BSPT(R)
H5-2MUSBR		Swivel	1/4" Male BSPT(R)
H6.5-2MSBR	6.5mm	Rigid	1/4" Male BSPT(R)
H6.5-2MUSBR		Swivel	1/4" Male BSPT(R)
H8-2MSBR	8mm	Rigid	1/4" Male BSPT(R)
H8-3FSBR		Rigid	3/8" Female BSPT(R)
H8-3MSBR		Rigid	3/8" Male BSPT(R)
H8-3MUSBR		Swivel	3/8" Male BSPT(R)
H11-3MSBR	11mm	Rigid	3/8" Male BSPT(R)
H11-4MSBR		Rigid	1/2" Male BSPT(R)
H11-4MUSBR		Swivel	1/2" Male BSPT(R)



Replacement Hose Fittings



“SH” Series

Model	Hose I.D. (Nominal)	Style	Thread
SH-6.5-N2M-SBR	6.5mm (1/4")	Rigid	1/4" Male NPT
SH-6.5-N3M-SBR			3/8" Male NPT
SH-8-N2M-SBR	8mm (5/16")		1/4" Male NPT
SH-8-N3M-SBR			3/8" Male NPT
SH-11-N3M-SBR	11mm (7/16")		3/8" Male NPT
SH-11-N4M-SBR			1/2" Male NPT



“STH” Series

Model	Hose I.D. (Nominal)	Style	Thread
STH14-2MSBR	1/4"	Rigid	1/4" Male NPT
STH38-2MSBR	3/8"		1/4" Male NPT
STH38-3MSBR			3/8" Male NPT
STH12-3MSBR	1/2"		3/8" Male NPT
STH12-4MSBR			1/2" Male NPT



“N” Series

Model	Hose I.D. (Nominal)	Style	Thread
N14-2MU	1/4"	Swivel Fitting without Spring	1/4" Male NPT
N14-SPRING		Spring Only	N/A
N14-2MU-Spring		Complete Assembly	1/4" Male NPT
N38-2MU	3/8"	Swivel Fitting without Spring	1/4" Male NPT
N38-SPRING		Spring Only	N/A
N38-2MU-Spring		Complete Assembly	1/4" Male NPT
N38-3MU		Swivel Fitting without Spring	3/8" Male NPT
N38-SPRING		Spring Only	N/A
N38-3MU-Spring		Complete Assembly	3/8" Male NPT
N38-4MU		Swivel Fitting without Spring	1/2" Male NPT
N38-3MU-Spring		Complete Assembly	1/2" Male NPT
N12-4MU	1/2"	Swivel	1/2" Male NPT
N12-SPRING		Spring Only	N/A
N12-4MU-Spring		Complete Assembly	1/2" Male NPT



Pneumatic Quick Disconnect Couplings



Pneumatic Quick Disconnect Couplings

General Coupling Information

Manual Coupling Operation

Manual Coupling connections are made by pulling back the locking sleeve, inserting the plug, and releasing the sleeve.

ATP's Manual couplings are identified by their flush center bore.



Automatic Coupling Operation

Automatic Coupling connections are made by simply inserting the plug.

ATP's Automatic couplings are identified by the protruding center bore.



Pneumatic Quick Disconnect Coupling Specifications

Series	Body Material	Working Pressure	Temperature Range	Media	Number of Pawls (Balls)	Seal Material
Premium Chrome-Plated	Chrome-Plated Steel	150 psi	32°F - 150°F	Compressed Air	6	NBR (Buna-N)
Stainless Steel	303 Stainless Steel	300 psi	32°F - 150°F	Gases & Liquid	6	Viton®
Economy Zinc-Plated	Zinc-Plated Steel	150 psi	32°F - 150°F	Compressed Air	4	NBR (Buna-N)
Free-Angle® Plugs	Chrome-Plated Steel	145 psi	23°F - 140°F	Compressed Air	N/A	N/A
Safety-Slide™	Chrome-Plated Steel	20 – 210 psi	23°F - 140°F	Compressed Air	N/A	NBR (Buna-N)
Safety-Twist™	Chrome-Plated Steel	215 psi	20°F - 140°F	Compressed Air	6	NBR (Buna-N)



Pneumatic Quick Disconnect Couplings



Chrome-Plated Premium Series

ATP's Premium Series Quick Disconnects are precision machined, chrome-plated steel.

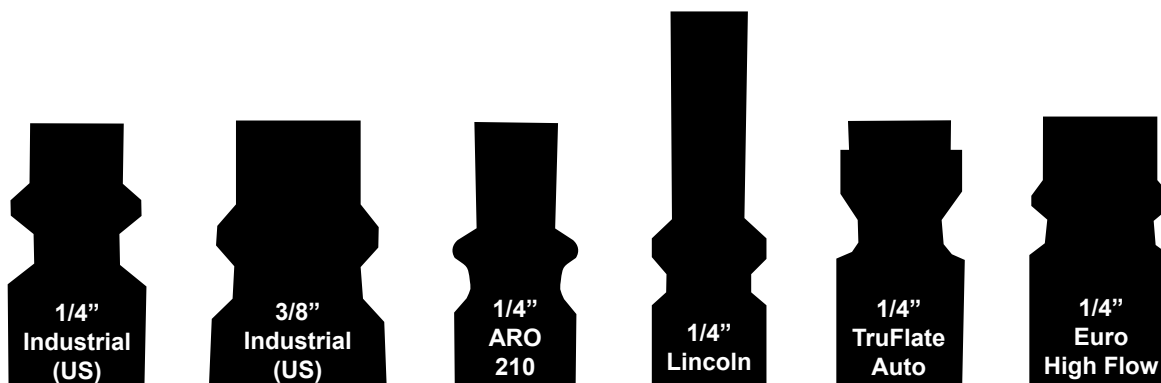
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Rugged Steel Construction Maintains Integrity, not Easily Damaged like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	NBR (Buna-N)

14 SIC - N3F

Body Size/Interchange		Style		Threads	
14	1/4" Industrial	S	Socket / Coupling	N	NPT
38	3/8" Industrial	P	Plug	(Blank)	BSPT(R)
5	1/4" Universal	I	Manual/Industrial (US)	1	1/8"
HF	1/4" European/High Flow	O	Automatic	2	1/4"
		C	Chrome-Plated	3	3/8"
				4	1/2"
				M	Male Thread
				F	Female Thread
				B	Hose Barb
				C	Compression

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Pneumatic Quick Disconnect Couplings

Chrome-Plated Manual Couplings



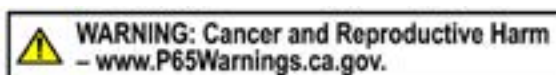
ATP's Premium Series Quick Disconnects are precision machined, chrome-plated steel. These manual couplers connect with the plug by pulling back on the sleeve, and pushing both units together

- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Steel Construction Maintains Integrity, not Easily Damaged like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection
- 6 Retaining Balls Prolongs Seal Life

Chrome-Plated Manual Couplings

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	NBR (Buna-N)

Model	Thread	Interchange	Body Size	Hex	Length	O.D.
14SIC-N2F	1/4" Female NPT	Industrial	1/4"	17mm	1.81"	0.82"
14SIC-N2M	1/4" Male NPT				1.83"	
14SIC-2B	1/4" Hose Barb				2.30"	
14SIC-H14	1/4" x 3/8" Compression				2.08"	
14SIC-N3F	3/8" Female NPT	Industrial	1/4"	21mm	1.87"	0.82"
14SIC-N3M	3/8" Male NPT			17mm	2.38"	
14SIC-3B	3/8" Hose Barb					
38SIC-N2F	1/4" Female NPT	Industrial	3/8"	19mm	1.81"	0.94"
38SIC-N2M	1/4" Male NPT				1.94"	
38SIC-2B	1/4" Hose Barb				2.40"	
38SIC-H14	1/4" x 3/8" Compression			16mm	2.14"	
38SIC-N3F	3/8" Female NPT	Industrial	3/8"	21mm	1.92"	0.94"
38SIC-N3M	3/8" Male NPT			19mm	1.98"	
38SIC-3B	3/8" Hose Barb				2.48"	
38SIC-H38	3/8" x 9/16" Compression			21mm	2.32"	
38SIC-N4F	1/2" Female NPT	Industrial	3/8"	26mm	1.94"	0.94"
38SIC-N4M	1/2" Male NPT			22mm	2.04"	
38SIC-4B	1/2" Hose Barb			19mm	2.59"	



Pneumatic Quick Disconnect Couplings

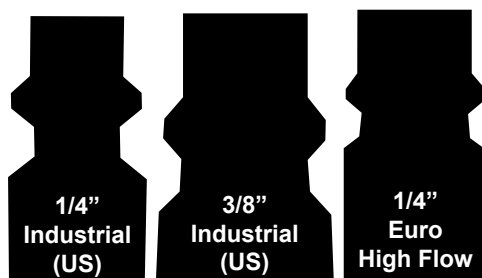


Chrome-Plated Automatic Couplings

ATP's Premium Series Quick Disconnects are precision machined, chrome-plated steel. These Automatic couplers connect with the plug by simply pushing both units together.

- Automatic Connection
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Rugged Steel Construction Maintains Integrity, not Easily Damaged like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection
- 6 Retaining Balls Prolongs Seal Life

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	NBR (Buna-N)



Chrome-Plated Automatic Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
14SOC-N2F	1/4" Female NPT	Industrial	1/4"	17mm	2.04"	0.82"
14SOC-N2M	1/4" Male NPT				2.06"	
14SOC-2B	1/4" Hose Barb				2.53"	
14SOC-H14	1/4" x 3/8" Compression				2.32"	
14SOC-N3F	3/8" Female NPT	Industrial	1/4"	21mm	2.10"	0.82"
14SOC-N3M	3/8" Male NPT			17mm	2.61"	
14SOC-3B	3/8" Hose Barb					
38SOC-N2F	1/4" Female NPT	Industrial	3/8"	19mm	2.11"	0.94"
38SOC-N2M	1/4" Male NPT			16mm	2.24"	
38SOC-2B	1/4" Hose Barb				2.69"	
38SOC-H14	1/4" x 3/8" Compression				2.44"	
38SOC-N3F	3/8" Female NPT	Industrial	3/8"	21mm	2.22"	0.94
38SOC-N3M	3/8" Male NPT			19mm	2.28"	
38SOC-3B	3/8" Hose Barb				2.77"	
38SOC-H38	3/8" X 9/16" Compression			21mm	2.59"	
38SOC-N4F	1/2" Female NPT	Industrial	3/8"	26mm	2.24"	0.94
38SOC-N4M	1/2" Male NPT			22mm	2.34"	
38SOC-4B	1/2" Hose Barb			19mm	2.89"	
HFSOC-N2F	1/4" Female NPT	European/ High Flow	1/4"	19mm	2.10"	0.88"
HFSOC-N2M	1/4" Male NPT			N/A	2.28"	
HFSOC-2B	1/4" Hose Barb					
HFSOC-N3F	3/8" Female NPT	European/ High Flow	1/4"	21mm	2.14"	0.88"
HFSOC-N3M	3/8" Male NPT			19mm		
HFSOC-3B	3/8" Hose Barb			N/A	2.57"	
HFSOC-2F	1/4" Female BSPT(R)	European/ High Flow	1/4"	19mm	2.10"	0.88"
HFSOC-2M	1/4" Male BSPT(R)			21mm	2.14"	
HFSOC-3F	3/8" Female BSPT(R)					
HFSOC-3M	3/8" Male BSPT(R)			19mm		
HFSOC-50H	5mm x 8mm Compression	European/ High Flow	1/4"	19mm	2.22"	0.88"
HFSOC-65H	6.5mm x 10mm Compression				2.24"	
HFSOC-80H	8mm x 12mm Compression				2.34"	

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Pneumatic Quick Disconnect Couplings

Chrome-Plated Plugs

ATP's Premium Series Quick Disconnects are precision machined, chrome-plated steel.

- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Rugged Steel Construction Maintains Integrity, Not Easily Damaged Like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection

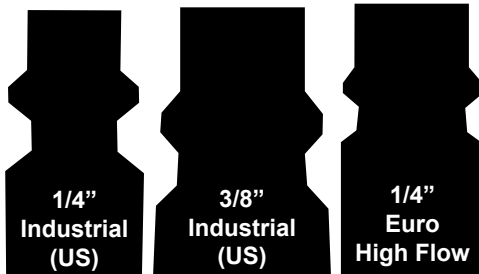


Chrome-Plated Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
14PIC-N2F	1/4" Female NPT	Industrial	1/4"	17mm	1.57"	0.20"
14PIC-N2M	1/4" Male NPT			14mm	1.69"	
14PIC-2B	1/4" Hose Barb			N/A	2.00"	
14PIC-H14	1/4" x 3/8" Compression			16mm	1.95"	
14PIC-N3F	3/8" Female NPT	Industrial	1/4"	21mm	1.61"	0.20"
14PIC-N3M	3/8" Male NPT			19mm	1.73"	
14PIC-3B	3/8" Hose Barb			N/A	2.00"	
14PIC-H38	3/8" X 9/16" Compression			21mm		
38PIC-N2F	1/4" Female NPT	Industrial	3/8"	17mm	1.65"	0.28"
38PIC-N2M	1/4" Male NPT			16mm	1.78"	
38PIC-2B	1/4" Hose Barb			N/A	2.30"	
38PIC-H14	1/4" x 3/8" Compression			16mm	2.00"	
38PIC-N3F	3/8" Female NPT	Industrial	3/8"	21mm	1.71"	0.28"
38PIC-N3M	3/8" Male NPT			19mm	1.82"	
38PIC-3B	3/8" Hose Barb			N/A	2.30"	
38PIC-H38	3/8" X 9/16" Compression			21mm	2.26"	
38PIC-N4F	1/2" Female NPT	Industrial	3/8"	26mm	1.85"	0.28"
38PIC-N4M	1/2" Male NPT			22mm	1.90"	
38PIC-4B	1/2" Hose Barb			N/A	2.30"	
HFPC-N2F	1/4" Female NPT	European/ High Flow	1/4"	17mm	1.43"	0.28"
HFPC-N2M	1/4" Male NPT			14mm	1.51"	
HFPC-2B	1/4" Hose Barb			N/A	1.96"	
HFPC-N3F	3/8" Female NPT	European/ High Flow	1/4"	21mm	1.47"	0.28"
HFPC-N3M	3/8" Male NPT			19mm	1.66"	
HFPC-3B	3/8" Hose Barb			N/A	2.06"	
HFPC-2F	1/4" Female BSPT(R)	European/ High Flow	1/4"	17mm	1.43"	0.28"
HFPC-2M	1/4" Male BSPT(R)			14mm	1.51"	
HFPC-3F	3/8" Female BSPT(R)	European/ High Flow	1/4"	21mm	1.47"	0.28"
HFPC-3M	3/8" Male BSPT(R)			19mm	1.66"	
HFPC-50H	5mm x 8mm Compression	European/ High Flow	1/4"	19mm	1.62"	0.28"
HFPC-65H	6.5mm x 10mm Compression				1.72"	
HFPC-80H	8mm x 12mm Compression				1.82"	

Specifications

Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air



Pneumatic Quick Disconnect Couplings



Chrome-Plated Universal Couplings

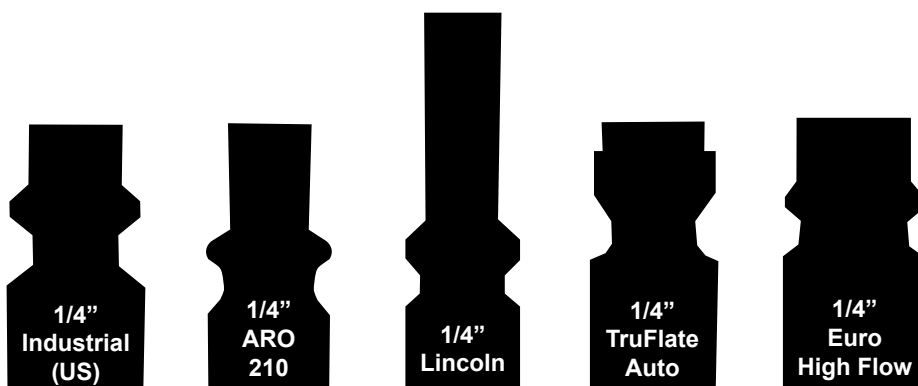
ATP's Premium Series Quick Disconnects are precision machined, chrome-plated steel. These Automatic Universal couplings connect with the plug by simply pushing both units together. **All 5SOC series couplings will connect to Industrial, TruFlate, ARO, European, and Lincoln Interchanges.**

- Automatically Connects to Popular Interchanges
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Steel Construction Maintains Integrity, Not Easily Damaged Like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection
- 6 Retaining Balls Prolong Seal Life

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	NBR (Buna-N)

Chrome-Plated Universal Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
5SOC-N2F	1/4" Female NPT	Universal	1/4"	19mm	2.25"	0.94"
5SOC-N2M	1/4" Male NPT				2.36"	
5SOC-2B	1/4" Hose Barb				2.79"	
5SOC-H14	1/4" x 3/8" Compression				2.57"	
5SOC-N3F	3/8" Female NPT	Universal	1/4"	21mm	2.36"	0.94"
5SOC-N3M	3/8" Male NPT			19mm	2.87"	
5SOC-3B	3/8" Hose Barb				2.69"	
5SOC-H38	3/8" X 9/16" Compression				2.99"	
5SOC-4B	1/2" Hose Barb	Universal	1/4"	19mm	2.99"	0.94"



Pneumatic Quick Disconnect Couplings

Chrome-Plated Japanese Interchange



ATP's Chrome-Plated Quick Disconnects are machined from steel, then chrome-plated for durability.

- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Steel Construction Maintains Integrity, Not Easily Damaged Like Brass
- Precision Machining Ensures Long Lasting, Leak-Free Connection

22 - DSF - NPT

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	NBR (Buna-N)

Thread/Body Size		Style		Threads	
22	1/4"	D	Japanese Interchange (JIS)	NPT	NPT
23	3/8"	S	Socket/Couplings	(Blank)	BSPT(R)
24	1/2"	P	Plug		
		M	Male Thread		
		F	Female Thread		

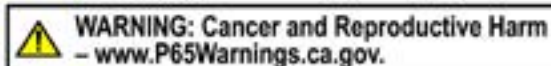
Chrome-Plated Manual Couplings

These manual couplers connect with the plug by pulling back on the sleeve, and pushing both units together.

Chrome-Plated Manual Couplings



Model	Thread	Interchange	Body Size	Hex	Length	OD
22-DSF-NPT	1/4" Female NPT	Japanese	1/4"	19mm	1.81"	0.98"
22-DSM-NPT	1/4" Male NPT				1.96"	
22-DSH	1/4" Hose Barb				2.63"	
23-DSF-NPT	3/8" Female NPT	Japanese	1/4"	21mm	1.98"	0.98"
23-DSM-NPT	3/8" Male NPT			19mm	1.96"	
23-DSH	3/8" Hose Barb				2.79"	
24-DSF-NPT	1/2" Female NPT	Japanese	1/4"	26mm	2.00"	0.98"
24-DSM-NPT	1/2" Male NPT			21mm	2.02"	
24-DSH	1/2" Hose Barb			19mm	2.00"	
22-DSF	1/4" Female BSPT(R)	Japanese	1/4"	19mm	1.81"	0.98"
22-DSM	1/4" Male BSPT(R)				1.96"	
23-DSF	3/8" Female BSPT(R)	Japanese	1/4"	21mm	1.98"	0.98"
23-DSM	3/8" Male BSPT(R)			19mm	1.96"	
24-DSF	1/2" Female BSPT(R)	Japanese	1/4"	26mm	2.00"	0.98"
24-DSM	1/2" Male BSPT(R)			21mm	2.02"	
50-DSC	5mm x 8mm Compression	Japanese	1/4"	19mm	2.00"	0.98"
65-DSC	6.5mm x 10mm Compression				2.08"	
80-DSC	8mm x 12mm Compression				2.20"	



Pneumatic Quick Disconnect Couplings

Chrome-Plated Automatic Couplings

These Automatic Universal couplers connect with the plug by simply pushing both units together.



Chrome-Plated Automatic Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
22-SOF	1/4" Female BSPT(R)	Japanese	1/4"	19mm	1.81"	0.98"
22-SOM	1/4" Male BSPT(R)				1.96"	
22-SOH	1/4" Hose Barb				2.63"	
23-SOF	3/8" Female BSPT(R)	Japanese	1/4"	21mm	1.98"	0.98"
23-SOM	3/8" Male BSPT(R)			19mm	1.96"	
23-SOH	3/8" Hose Barb				2.79"	
24-SOF	1/2" Female BSPT(R)	Japanese	1/4"	26mm	2.00"	0.98"
24-SOM	1/2" Male BSPT(R)			21mm	2.02"	
24-SOH	1/2" Hose Barb			19mm	2.00"	
50-SOC	5mm x 8mm Compression	Japanese	1/4"	19mm	1.81"	0.98"
65-SOC	6.5mm x 10mm Compression				1.96"	
80-SOC	8mm x 12mm Compression			21mm	1.98"	

Chrome-Plated Plugs

Machined from steel then plated, these plugs offer durability and a precision fit.



Chrome-Plated Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
22-DPF-NPT	1/4" Female NPT	Japanese	1/4"	17mm	1.41"	0.29"
22-DPM-NPT	1/4" Male NPT				1.61"	
22-DPH	1/4" Hose Barb			N/A	2.24"	
23-DPF-NPT	3/8" Female NPT	Japanese	1/4"	21mm	1.47"	0.29"
23-DPM-NPT	3/8" Male NPT			19mm	1.65"	
23-DPH	3/8" Hose Barb			N/A	2.40"	
24-DPF-NPT	1/2" Female NPT	Japanese	1/4"	26mm	1.53"	0.29"
24-DPM-NPT	1/2" Male NPT			21mm	1.60"	
24-DPH	1/2" Hose Barb			N/A	2.55"	
22-DPF	1/4" Female BSPT(R)	Japanese	1/4"	17mm	1.41"	0.29"
22-DPM	1/4" Male BSPT(R)			14mm	1.61"	
23-DPF	3/8" Female BSPT(R)	Japanese	1/4"	21mm	1.40"	0.29"
23-DPM	3/8" Male BSPT(R)			19mm	1.65"	
24-DPF	1/2" Female BSPT(R)	Japanese	1/4"	26mm	1.53"	0.29"
24-DPM	1/2" Male BSPT(R)			21mm	1.67"	
50-DPC	5mm x 8mm Compression	Japanese	1/4"	17mm	1.61"	0.29"
65-DPC	6.5mm x 10mm Compression				1.71"	
80-DPC	8mm x 12mm Compression			19mm	1.81"	



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Pneumatic Quick Disconnect Couplings

Stainless Steel Series



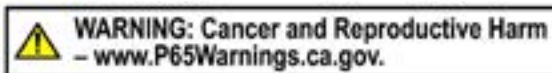
Constructed of Stainless Steel for the ultimate in corrosion resistance and durability, these quick disconnects are the premium option for a long service life in the toughest environments. When corrosion, elevated temperatures, or repetitive cleaning is a concern, the stainless steel and Viton® seal construction is an effective solution.

- Ultimate Corrosion-Resistance
- Ideal for Maritime, Continual Outdoor, or Corrosive Environments, and Food/Beverage Applications
- Viton® Seals
- 6 Retaining Balls Prolong Seal Life

Specifications	
Body Material	303 Stainless Steel
Maximum Working Pressure	300 psi
Temperature Range	32°F-150°F
Media	Gases & Liquids
Number of Pawls (Balls)	6
Seal Material	Viton®

SS 14 SI - N3F

Series		Body Size		Style/Interchange		Threads	
SS	Stainless Steel	14	1/4" Industrial (US)	S	Socket/Coupling	N	NPT
		38	3/8" Industrial (US)	P	Plug	2	1/4"
		12	1/2" Industrial (US)	I	Manual	3	3/8"
						4	1/2"
						6	3/4"
						M	Male
						F	Female
						B	Hose Barb



Stainless Steel Manual Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
SS14SI-N2F	1/4" Female NPT	Industrial	1/4"	21mm	2.50"	0.69"
SS14SI-N2M	1/4" Male NPT				2.70"	
SS14SI-2B	1/4" Hose Barb				3.10"	
SS14SI-N3F	3/8" Female NPT	Industrial	1/4"	21mm	2.65"	0.69"
SS14SI-N3M	3/8" Male NPT				2.50"	
SS14SI-3B	3/8" Hose Barb				3.10"	
SS38SI-N2F	1/4" Female NPT	Industrial	3/8"	24mm	2.82"	1.25"
SS38SI-N2M	1/4" Male NPT				2.85"	
SS38SI-2B	1/4" Hose Barb				3.25"	
SS38SI-N3F	3/8" Female NPT	Industrial	3/8"	24mm	2.85"	1.25"
SS38SI-N3M	3/8" Male NPT				3.25"	
SS38SI-3B	3/8" Hose Barb				3.25"	
SS12SI-N3F	3/8" Female NPT	Industrial	1/2"	27mm	3.50"	1.30"
SS12SI-N3M	3/8" Male NPT				3.31"	
SS12SI-3B	3/8" Hose Barb				3.75"	
SS12SI-N4F	1/2" Female NPT	Industrial	1/2"	27mm	3.50"	1.30"
SS12SI-N4M	1/2" Male NPT				3.75"	
SS12SI-4B	1/2" Hose Barb				3.75"	
SS12SI-N6F	3/4" Female NPT	Industrial	1/2"	27mm	3.75"	1.30"
SS12SI-N6M	3/4" Male NPT				3.50"	
SS12SI-6B	3/4" Hose Barb				3.75"	

Pneumatic Quick Disconnect Couplings



SS 14 SI - N3F

Series		Body Size		Style/Interchange		Threads	
SS	Stainless Steel	14	1/4" Industrial (US)	S	Socket/Coupling	N	NPT
		38	3/8" Industrial (US)	P	Plug	2	1/4"
		12	1/2" Industrial (US)	I	Manual	3	3/8"
						4	1/2"
						6	3/4"
						M	Male
						F	Female
						B	Hose Barb

Stainless Steel Plugs

Specifications	
Body Material	303 Stainless Steel
Maximum Working Pressure	300 psi
Temperature Range	32°F-150°F
Media	Gases & Liquids



Model	Thread	Interchange	Body Size	Hex	Length	OD
SS14PI-N2F	1/4" Female NPT	Industrial	1/4"	16mm	1.50"	0.69"
SS14PI-N2M	1/4" Male NPT			14mm	1.69"	
SS14PI-2B	1/4" Hose Barb			13mm	2.14"	
SS14PI-N3F	3/8" Female NPT	Industrial	1/4"	19mm	1.71"	0.69"
SS14PI-N3M	3/8" Male NPT			18mm	1.75"	
SS14PI-3B	3/8" Hose Barb			14mm	2.14"	
SS38PI-N2F	1/4" Female NPT	Industrial	3/8"	16mm	2.82"	1.25"
SS38PI-N2M	1/4" Male NPT			18mm	2.85"	
SS38PI-2B	1/4" Hose Barb				3.25"	
SS38PI-N3F	3/8" Female NPT	Industrial	3/8"	19mm	2.82"	1.25"
SS38PI-N3M	3/8" Male NPT			18mm	2.85"	
SS38PI-3B	3/8" Hose Barb				3.25"	
SS12PI-N3F	3/8" Female NPT	Industrial	1/2"	19mm	2.25"	1.30"
SS12PI-N3M	3/8" Male NPT			17mm	2.30"	
SS12PI-3B	3/8" Hose Barb			N/A	2.54"	
SS12PI-N4F	1/2" Female NPT	Industrial	1/2"	24mm	2.25"	1.30"
SS12PI-N4M	1/2" Male NPT			22mm	2.30"	
SS12PI-4B	1/2" Hose Barb			N/A	2.54"	
SS12PI-N6F	3/4" Female NPT	Industrial	1/2"	30mm	2.33"	1.30"
SS12PI-N6M	3/4" Male NPT			27mm	2.54"	
SS12PI-6B	3/4" Hose Barb			N/A		

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Pneumatic Quick Disconnect Couplings

Stainless Steel Japanese Interchange

22 - DSF - SUS303



Thread/Body Size	
22	1/4"
23	3/8"
24	1/2"

Style	
D	Japanese Interchange (JIS)
S	Socket/Couplings
P	Plug
M	Male Thread
F	Female Thread

Material	
303	Stainless Steel



Japanese Interchange Manual Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
22-DSF-SUS303	1/4" Female BSPT(R)	Japanese	1/4"	19mm	1.81"	0.98"
22-DSM-SUS303	1/4" Male BSPT(R)				1.96"	
22-DSH-SUS303	1/4" Hose Barb				2.63"	
23-DSF-SUS303	3/8" Female BSPT(R)	Japanese	1/4"	21mm	1.98"	0.98"
23-DSM-SUS303	3/8" Male BSPT(R)				1.96"	
23-DSH-SUS303	3/8" Hose Barb				2.79"	
24-DSF-SUS303	1/2" Female BSPT(R)	Japanese	1/4"	26mm	2.00"	0.98"
24-DSM-SUS303	1/2" Male BSPT(R)				2.02"	
24-DSH-SUS303	1/2" Hose Barb				2.79"	



Japanese Interchange Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
22-DPF-SUS303	1/4" Female BSPT(R)	Japanese	1/4"	19mm	1.81"	0.98"
22-DPM-SUS303	1/4" Male BSPT(R)				1.96"	
22-DPH-SUS303	1/4" Hose Barb				2.63"	
23-DPF-SUS303	3/8" Female BSPT(R)	Japanese	1/4"	21mm	1.98"	0.98"
23-DPM-SUS303	3/8" Male BSPT(R)				1.96"	
23-DPH-SUS303	3/8" Hose Barb				2.79"	
24-DPF-SUS303	1/2" Female BSPT(R)	Japanese	1/4"	26mm	2.00"	0.98"
24-DPM-SUS303	1/2" Male BSPT(R)				2.02"	
24-DPH-SUS303	1/2" Hose Barb				2.79"	



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Pneumatic Quick Disconnect Couplings

Zinc-Plated Steel Economy Series



Zinc-Plated Couplings are a great economical option for any job-site or industrial setting. These couplers are machined from steel, providing a hard surface that is not easily damaged like brass or aluminum.

14 SI - N3F

Body Size/Interchange		Style		Threads	
14	1/4" Industrial (US)	S	Socket/Coupling	N	NPT
38	3/8" Industrial (US)	P	Plug	1	1/8"
		I	Manual	2	1/4"
				3	3/8"
				4	1/2"
				M	Male Thread
				F	Female Thread

Specifications	
Body Material	Zinc-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air
Number of Paws (Balls)	4
Seal Material	NBR (Buna-N)

Manual Coupling



Model	Thread	Interchange	Body Size	Hex	Length	OD
14SI-N2F	1/4" Female NPT	Industrial	1/4"	19mm	1.88"	0.86"
14SI-N2M	1/4" Male NPT				2.11"	
14SI-N3F	3/8" Female NPT			21mm	1.98"	
14SI-N3M	3/8" Male NPT	Industrial	1/4"	19mm	2.11"	0.86"
14SI-N4F	1/2" Female NPT			24mm	2.09"	
14SI-N4M	1/2" Male NPT			22mm	2.33"	
38SI-N2F	1/4" Female NPT	Industrial	3/8"	22mm	2.24"	1.06"
38SI-N2M	1/4" Male NPT				2.36"	
38SI-N3F	3/8" Female NPT			24mm	2.36"	
38SI-N3M	3/8" Male NPT	Industrial	3/8"	22mm	2.36"	1.06"
38SI-N4F	1/2" Female NPT			24mm	2.40"	
38SI-N4M	1/2" Male NPT			22mm	2.50"	



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Pneumatic Quick Disconnect Couplings



14 PI - N3F

Body Size/Interchange	
14	1/4" Body Size
38	3/8" Body Size
HFP	European/ High Flow

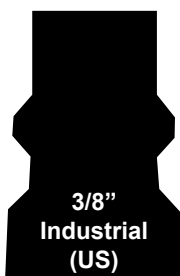
Style	
P	Plug
I	Industrial (US)
A	ARO 210
T	TruFlate

Threads	
N	NPT
(blank)	BSPT(R)
1	1/8"
2	1/4"
3	3/8"
4	1/2"
M	Male Thread
F	Female Thread

Specifications	
Body Material	Zinc-Plated Steel
Maximum Working Pressure	150 psi
Temperature Range	32°F-150°F
Media	Compressed Air

Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
14PI-N2F	1/4" Female NPT	Industrial	1/4"	17mm	1.55"	0.20"
14PI-N2M	1/4" Male NPT			14mm	1.66"	
14PI-N3F	3/8" Female NPT			17mm	1.55"	
14PI-N3M	3/8" Male NPT				1.66"	
38PI-N2F	1/4" Female NPT	Industrial	3/8"	17mm	1.50"	0.28"
38PI-N2M	1/4" Male NPT				1.87"	
38PI-N3F	3/8" Female NPT				1.50"	
38PI-N3M	3/8" Male NPT				1.87"	
38PI-N4F	1/2" Female NPT				1.50"	
38PI-N4M	1/2" Male NPT				1.87"	
14PA-N2F	1/4" Female NPT	ARO 210	1/4"	17mm	1.47"	0.20"
14PA-N2M	1/4" Male NPT			14mm	1.70"	
14PA-N3F	3/8" Female NPT			17mm	1.47"	
14PA-N3M	3/8" Male NPT				1.70"	
14PT-N2F	1/4" Female NPT	Tru-Flate	1/4"	16mm	1.48"	0.20"
14PT-N2M	1/4" Male NPT			14mm	1.59"	
14PT-N3F	3/8" Female NPT			18mm	1.50"	
14PT-N3M	3/8" Male NPT				1.69"	
HFP-N2F	1/4" Female NPT	European/ High Flow	1/4"	17mm	1.48"	0.28"
HFP-N2M	1/4" Male NPT			14mm	1.51"	
HFP-N3F	3/8" Female NPT			17mm	1.47"	
HFP-N3M	3/8" Male NPT				1.66"	
HFP-2F	1/4" Female BSPT(R)	European/ High Flow	1/4"	17mm	1.48"	0.28"
HFP-2M	1/4" Male BSPT(R)			14mm	1.51"	
HFP-3F	3/8" Female BSPT(R)			17mm	1.47"	
HFP-3M	3/8" Male BSPT(R)				1.66"	



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Pneumatic Quick Disconnect Couplings

The New Generation
FREE ANGLE®
 The Improved, Ergonomic, Patented Swivel Fitting From ATP



Free-Angle® Plugs

The Free-Angle® Series was introduced in the early 1990's to address ergonomic issues in assembly settings. The Free-Angle® provides an ergonomic connection between air tools and hose. The Free-Angle® swivels 360° and pivots 45°, preventing kinking, tangles, and strain on compressed air lines.

- Reduces Operator Fatigue During Repetitive Movements
- Two Swivel Joints Enhance Ergonomics
- Minimizes Twisting in Straight and Spiral Hoses
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Thread Sealant on all Male Fittings

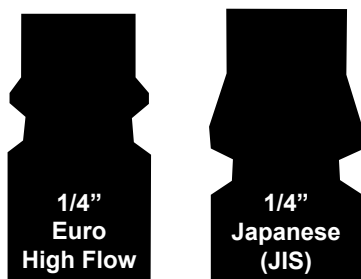
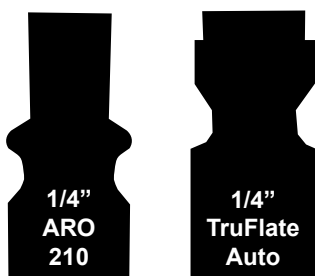
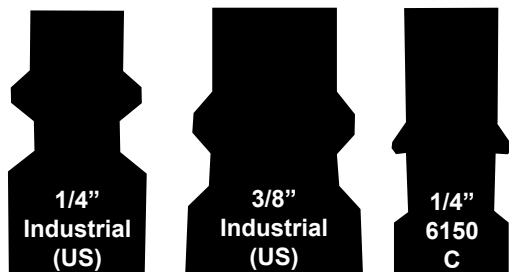
Specifications	
Material	Chrome-Plated Steel
Maximum Working Pressure	145 psi
Temperature Range	23°F - 140°F
Media	Compressed Air

NFAP - N2M - UA

Style	
NFAP	Free-Angle® Plug

Thread Style	
N	NPT
(Blank)	BSPT(R)
1	1/8"
2	1/4"
3	3/8"
M	Male Thread

Interchange	
UA	1/4" Industrial (US)
UB	3/8" Industrial (US)
ARO210	ARO 210
TRUFL	TruFlate
LN	Lincoln
C320	European/High Flow
C84	ISO 6150-C
JIS	Japanese (JIS)



Free Angle® Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
NFAP-N1M-UA	1/8" Male NPT	Industrial	1/4"	19mm	1.88"	0.20"
NFAP-N2M-UA	1/4" Male NPT				2.11"	
NFAP-N3M-UA	3/8" Male NPT		3/8"	21mm	1.98"	0.20"
NFAP-N2M-UB	1/4" Male NPT	Industrial	3/8"	19mm	2.11"	0.28"
NFAP-N3M-UB	3/8" Male NPT			24mm	2.09"	
NFAP-N2M-A210	1/4" Male NPT	ARO 210	1/4"	22mm	2.33"	0.20"
NFAP-N2M-TRUFL	1/4" Male NPT	TruFlate	1/4"	22mm	2.24"	0.20"
NFAP-N2M-LN	1/4" Male NPT	Lincoln	1/4"	N/A	2.36"	0.19"
NFAP-N2M-C320	1/4" Male NPT	ISO 6150-C	1/4"	24mm	2.36"	0.31"
NFAP-N2M-C84	1/4" Male NPT			22mm	2.36"	
NFAP-2M-C84	1/4" Male BSPT(R)			24mm	2.40"	
NFAP-N2M-JIS	1/4" Male NPT	Japanese	1/4"	22mm	2.50"	0.29"
NFAP-2M-JIS	1/4" Male BSPT(R)					

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Pneumatic Quick Disconnect Couplings

Safety Slide™

Full Flow Safety Couplings



The Safety-Slide™ features a compact, lightweight design that increases safety, and reduces user fatigue when compared to a traditional coupler design. The Patented locking mechanism prevents accidental disconnection while under pressure. The Safety-Slide™ **eliminates the valve and spring often seen in traditional couplers**, providing unrestricted flow and maximum tool performance. Connecting the Safety-Slide™ is accomplished under zero pressure by inserting the plug, and pivoting. All Safety-Slide™ Couplings are Chrome-Plated for easy clean-up in automotive or paint settings, and available in multiple sizes.

- Full Flow Design Eliminates Traditional Valves
- Safety Lock Connection Prevents Disconnection, Reducing Risk of Injury
- Bleeds Downstream Pressure Before Disconnection
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Steel Construction Maintains Integrity, Not Easily Damaged Like Brass
- Will Not Degrade Flow When Joining Hoses

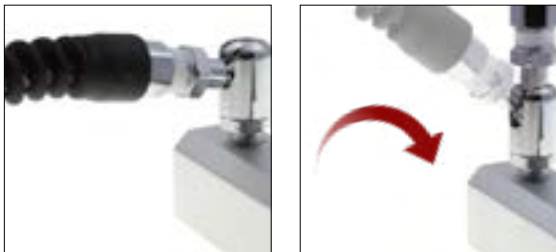
Specifications

Body Material	Chrome-Plated Steel
Working Pressure	15 - 210 psi
Temperature Range	23°F - 140°F
Seal	Buna-N Rubber

14 DF - N2M

Body Size/Interchange		Style		Thread	
14	1/4" Industrial (US)	DF	Safety-Slide™	N	NPT Thread
38	3/8" Industrial (US)			2	1/4"
12	1/2" Industrial (US)			3	3/8"
				4	1/2"
				B	Barb
				M	Male
				F	Female

Connecting the Safety-Slide™



Step 1:
Insert Plug into Safety-Slide™

Step 2:
Pivot the Plug into the Locked Position within the Safety-Slide™

Disconnecting the Safety-Slide™



Step 1:
While Simultaneously Pushing inward, Pivot the Plug to Release Pressure

Step 2:
Remove the Plug from the Safety-Slide™

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Pneumatic Quick Disconnect Couplings

Safety Slide™



Safety-Slide™ Premium Safety Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
14DF-N2F	1/4" Female NPT	Industrial	1/4"	19mm	1.73"	0.83"
14DF-N2M	1/4" Male NPT				1.85"	
14DF-2B	1/4" Hose Barb				2.32"	
14DF-N3F	3/8" Female NPT	Industrial	1/4"	21mm	1.77"	0.83"
14DF-N3M	3/8" Male NPT			19mm	1.93"	
14DF-3B	3/8" Hose Barb				2.40"	
14DF-N4F	1/2" Female NPT	Industrial	1/4"	26mm	1.85"	0.83"
14DF-N4M	1/2" Male NPT			22mm	2.00"	
38DF-N2F	1/4" Female NPT	Industrial	3/8"	22mm	1.57"	0.94"
38DF-N2M	1/4" Male NPT				1.93"	
38DF-2B	1/4" Hose Barb				2.40"	
38DF-N3F	3/8" Female NPT	Industrial	3/8"	22mm	1.81"	0.94"
38DF-N3M	3/8" Male NPT				2.05"	
38DF-3B	3/8" Hose Barb				2.48"	
38DF-N4F	1/2" Female NPT	Industrial	3/8"	26mm	1.89"	0.94"
38DF-N4M	1/2" Male NPT			22mm	2.05"	
38DF-4B	1/2" Hose Barb				2.59"	
12DF-N3F	3/8" Female NPT	Industrial	1/2"	24mm	1.77"	1.10"
12DF-N3M	3/8" Male NPT				2.24"	
12DF-3B	3/8" Hose Barb				2.67"	
12DF-N4F	1/2" Female NPT	Industrial	1/2"	26mm	2.09"	1.10"
12DF-N4M	1/2" Male NPT			24mm	2.24"	
12DF-4B	1/2" Hose Barb				2.79"	
12DF-N6F	3/4" Female NPT	Industrial	1/2"	32mm	2.17"	1.10"



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Pneumatic Quick Disconnect Couplings

Safety Slide™

Japanese Interchange



DF 02M

Body Size/Interchange	Style	Thread
1/4" Japanese (JIS)	DF Safety-Slide™	M Male
		F Female
		B Barb
		02 1/4"
		03 3/8"
		04 1/2"
		50 5mm x 8mm
		65 6.5mm x 10mm
		80 8mm x 12mm
		110 11mm x 16mm

Specifications

Body Material	Chrome-Plated Steel
Working Pressure	20 - 210 psi
Temperature Range	23°F - 140°F
Seal	Buna-N Rubber



Safety-Slide™ Premium Safety Couplings

Model	Thread	Interchange	Body Size	Hex	Length	OD
DF02F	1/4" Female BSPT(R)	Japanese	1/4"	22mm	1.60"	0.94"
DF02M	1/4" Male BSPT(R)			22mm	1.97"	
DF02B	1/4" Hose Barb			22mm	2.44"	
DF03F	3/8" Female BSPT(R)	Japanese	1/4"	22mm	1.85"	0.94"
DF03M	3/8" Male BSPT(R)			22mm	2.08"	
DF03B	3/8" Hose Barb			22mm	2.52"	
DF04F	1/2" Female BSPT(R)	Japanese	1/4"	26mm	1.93"	0.94"
DF04M	1/2" Male BSPT(R)			22mm	2.08"	
DF04B	1/2" Hose Barb			22mm	2.64"	
DF50	5mm x 8mm Compression	Japanese	1/4"	22mm	2.08"	0.94"
DF65	6.5mm x 10mm Compression			22mm	2.20"	
DF80	8mm x 12mm Compression			22mm	2.28"	
DF110	11mm x 16mm Compression			23mm	2.28"	

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Pneumatic Quick Disconnect Couplings

Safety-Twist™



Locking Universal Safety Coupling

ATP's Safety-Twist™ Locking Universal Safety Coupling features a secure method of connection. The Safety-Twist™ automatically connects by simply inserting a plug into the coupling.

Once connected, a sleeve rotates and locks the connection. To disconnect the Safety-Twist™, simply twist and pull back on the sleeve. Downstream pressure is safely vented before the plug can be removed. The locking connection is suited for assembly areas where unintended disconnection would damage surrounding equipment.

The Safety-Twist™ works with all 1/4" Body Industrial, TruFlate, and ARO Plugs.

- Locking Connection Prevents Unintended Separation
- Safely Vents Pressure before Disconnection
- Universal, Works with 3 Major US Interchanges
- Chrome-Plated Steel, Easily Cleaned of Paint or Grease
- 6 Balls Provide Precise Interface with Plug

3 USC - N2F

Body Size/Interchange	
3	1/4" Universal

Style	
USC	Safety-Twist™

Threads	
N	NPT
2	1/4"
M	Male Thread
F	Female Thread
H14	Hose Compression

Specifications	
Body Material	Chrome-Plated Steel
Maximum Working Pressure	215 psi
Temperature Range	20°F to 140°F
Media	Compressed Air
Number of Pawls (Balls)	6
Seal Material	Buna-N
Tariff Code	7307.99.4000

Safety-Twist™ Locking Universal Safety Couplings

Model	Thread	Interchange	Body Size	Hex	Length	O.D.
3USC-N2M	1/4" Male NPT	Industrial, ARO, TruFlate	1/4"	19mm	2.28"	1.00"
3USC-N2F	1/4" Female NPT				2.20"	
3USC-H14	1/4" Hose Compression				2.79"	



Pneumatic Quick Disconnect Couplings



TST Swing SC Couplers

TST Swing Couplers provide full, non-restricted performance in a heavy-duty package. Connection is achieved by inserting the plug into the coupler and pivoting. To unlock, pull the protective sleeve back and pivot.

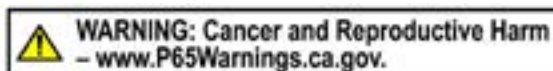
- Safely Vents Pressure at Disconnection
- Connects Easily, without Extra Force Required at 0 psi



Specifications	
Working Pressure	200 psi
Temperature Range	-4°F to 212°F
Body Construction	Nickel-Plated Steel
Seal Material	NBR Rubber

Industrial Interchange Models

Item	Thread	Inter-change	Body Size	Series	Length	Diameter
205 00 317	1/4" Male NPT	Industrial	1/4"	B1	2.20" (56.1mm)	0.78" (20mm)
205 00 318	3/8" Male NPT				2.30" (58.6mm)	
205 00 319	1/2" Male NPT				2.54" (64.6mm)	
205 00 311	1/4" Female NPT				1.92" (48.8mm)	
205 00 312	3/8" Female NPT				1.91" (48.6mm)	
205 00 313	1/2" Female NPT					
205 00 320	1/4" (6mm) Hose Barb				2.68" (68.1mm)	
205 00 321	5/16" (8mm) Hose Barb					
205 00 322	3/8" (10mm) Hose Barb					
205 00 214	1/4" Male NPT	Industrial	3/8"	E	2.21" (56.2mm)	0.94" (24mm)
205 00 030	3/8" Male NPT				2.30" (58.5mm)	
205 00 031	1/2" Male NPT				2.69" (68.5mm)	
205 00 052	1/4" Female NPT				2.30" (58.5mm)	
205 00 026	3/8" Female NPT				2.89" (73.5mm)	
205 00 027	1/2" Female NPT					
205 00 083	5/16" (8mm) Hose Barb				3.20" (81.5mm)	
205 00 084	3/8" (10mm) Hose Barb					
205 00 085	1/2" (13mm) Hose Stem					
205 00 113	1/2" Male NPT	Industrial	1/2"	H	3.12" (79.3mm)	1.32" (35mm)
205 00 114	3/4" Male NPT				3.27" (83.3mm)	
205 00 110	1/2" Female NPT				3.55" (90.3mm)	
205 00 111	3/4" Female NPT					



Pneumatic Quick Disconnect Couplings



ARO Interchange Models

Item	Thread	Interchange	Body Size	Series	Length	Diameter
205 00 297	1/4" Male NPT	ARO	1/4"	A1	1.92" (48.8mm)	0.78" (20mm)
205 00 298	3/8" Male NPT				1.91" (48.6mm)	
205 00 299	1/2" Male NPT					
205 00 291	1/4" Female NPT	ARO	1/4"	A1	2.20" (56.1mm)	0.78" (20mm)
205 00 292	3/8" Female NPT				2.30" (58.6mm)	
205 00 293	1/2" Female NPT				2.54" (64.6mm)	
205 00 300	1/4" (6mm) Hose Barb	ARO	1/4"	A1	2.68" (68.1mm)	0.78" (20mm)
205 00 301	5/16" (8mm) Hose Barb					
205 00 302	3/8" (10mm) Hose Barb					



European Interchange Models

Item	Thread	Interchange	Body Size	Series	Length	Diameter
205 00 375	1/4" Male NPT	European	1/4"	C	2.21" (56.2mm)	0.94" (24mm)
205 00 354	3/8" Male NPT				2.30" (58.5mm)	
205 00 355	1/2" Male NPT					
205 00 348	1/4" Female NPT	European	1/4"	C	2.69" (68.5mm)	0.94" (24mm)
205 00 349	3/8" Female NPT				2.89" (73.5mm)	
205 00 350	1/2" Female NPT					
205 00 356	1/4" (6mm) Hose Barb	European	1/4"	C	3.20" (81.5mm)	0.94" (24mm)
205 00 357	5/16" (8mm) Hose Barb					
205 00 358	3/8" (10mm) Hose Barb					

Protective Housing Covers

Plastic Housing Covers

These covers are installed over the housing to protect work pieces.



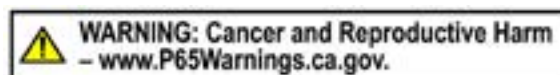
Item	Swing Coupler Series	Weight lb
295 00 385	A1, B1	0.01
295 00 340	C, E	0.01
295 00 531	HB	0.01

Vinyl Protective Covers

These covers are installed over the entire airline assembly providing complete protection of delicate surfaces.



Item	Swing Coupler Series	Weight lb
295 00 480	A1, B1	0.08
295 00 481	C, E	0.08



Pneumatic Quick Disconnect Couplings



TST 2 Stage Coupling

TST's 2 stage push button couplings provides a durable and safe pneumatic quick disconnect-coupling. TST's 2 stage couplings are a great addition to any pneumatically-powered tool in industrial, automotive, and construction settings. The couplings connect simply by inserting a plug.

Disconnection is accomplished through a two-step push button operation:

Step 1: Push button to release downstream pressure

Step 2: Push button again to remove plug



A 14 BC - N2M

Material		Body Size/Interchange		Style		Threads	
A	Aluminum Body	14	1/4" Industrial	BC	Button Coupling	N	NPT
		3/8	3/8" Industrial			2	1/4" Thread
		14A	1/4 ARO			3	3/8" Thread
		25	European			4	1/2" Thread
						M	Male Thread
						F	Female Thread

Fractional Sizes

ATP PN	TST Series	Interchange	Thread
A14BC-N2M	023S.06	1/4" Industrial	1/4" Male NPT
A14BC-N2F			1/4" Female NPT
A14BC-N3M			3/8" Male NPT
A14BC-N3F			3/8" Female NPT
A14BC-N4M			1/2" Male NPT
A14BC-N4F			1/2" Female NPT
A38BC-N2M	030S.08	3/8" Industrial	1/4" Male NPT
A38BC-N2F			1/4" Female NPT
A38BC-N3M			3/8" Male NPT
A38BC-N3F			3/8" Female NPT
A38BC-N4M			1/2" Male NPT
A38BC-N4F			1/2" Female NPT
A14ABC-N2M	022S.06	1/4" ARO	1/4" Male NPT
A14ABC-N2F			1/4" Female NPT
A25BC-N2M	025S.08	European/High Flow	1/4" Male NPT
A25BC-N2F			1/4" Female NPT

Specifications	
Operation	2 Stage Push-Button Shutoff
Pressure Range	0 to 174 psi
Temperature Range	-4°F to 212°F
Construction	Nickel Plated Brass & Aluminum

WARNING: Cancer and Reproductive Harm
- www.P65Warnings.ca.gov

Brass Fittings & Mufflers



Brass Fittings & Mufflers



Thread 1	Thread 2	Male x Male Nipple	Male x Male Coupler	Female x Female Coupler	Male x Female Coupler
1/8"	1/8"	MCC01-01	MC01-01	FC01-01	MFC01-01
1/4"	1/4"	MCC02-02	MC02-02	FC02-02	MFC02-02
3/8"	3/8"	MCC03-03	MC03-03	FC03-03	MFC03-03
1/2"	1/2"	MCC04-04	MC04-04	FC04-04	MFC04-04
3/4"	3/4"	MCC06-06	MC06-06	FC06-06	MFC06-06



Hose I.D.	Threads	Hose Barb
1/4"	1/8" Male NPT	HBM14-01
	1/4" Male NPT	HBM14-02
	3/8" Male NPT	HBM14-03
5/16"	1/8" Male NPT	HBM516-01
	1/4" Male NPT	HBM516-02
	3/8" Male NPT	HBM516-03
3/8"	1/8" Male NPT	HBM38-01
	1/4" Male NPT	HBM38-02
	3/8" Male NPT	HBM38-03
	1/2" Male NPT	HBM38-04
1/2"	1/4" Male NPT	HBM12-02
	3/8" Male NPT	HBM12-03
	1/2" Male NPT	HBM12-04
	3/4" Male NPT	HBM12-06
5/8"	3/8" Male NPT	HBM58-03
	1/2" Male NPT	HBM58-04
	3/4" Male NPT	HBM58-06
3/4"	1/2" Male NPT	HBM34-04
	3/4" Male NPT	HBM34-06
1"	3/4" Male NPT	HBM1-06
	1" Male NPT	HBM1-08



Thread 1	Thread 2	Male x Male Reducer	Female x Female Reducer	Male x Female Reducer	Bushing
1/4"	1/8"	MC02-01	FC02-01	MFC02-01	BU02-01
3/8"	1/8"	MC03-01		MFC03-01	BU03-01
	1/4"	MC03-02	FC03-02	MFC03-02	BU03-02
1/2"	1/8"				BU04-01
	1/4"	MC04-02	FC04-02	MFC04-02	BU04-02
	3/8"	MC04-03	FC04-03	MFC04-03	BU04-03
3/4"	1/8"				BU06-01
	1/4"				BU06-02
	3/8"		FC06-03	MFC06-03	BU06-03
	1/2"	MC06-04	FC06-04	MFC06-04	BU06-04



Thread 1	Thread 2	Male x Male Elbow	Male x Female Elbow	Female x Female Elbow	2 Female x 1 Male Tee	Union Tee
1/8"	1/8"	ML01-01	STL01-01	FL01-01	FBT01-01	FT01-01
1/4"	1/4"	ML02-02	STL02-02	FL02-02	FBT02-02	FT02-02
3/8"	3/8"	ML03-03	STL03-03	FL03-03	FBT03-03	FT03-03
1/2"	1/2"	ML04-04	STL04-04	FL04-04	FBT04-04	FT04-04
3/4"	3/4"		STL06-06		FBT06-06	

WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov

Brass Fittings & Mufflers



Thread 1	Thread 2	Overall Length	Male x Male Coupler
1/8"	1/8"	1.50"	MCL01-15
		2.00"	MCL01-20
		2.50"	MCL01-25
		3.00"	MCL01-30
1/4"	1/4"	1.50"	MCL02-15
		2.00"	MCL02-20
		2.50"	MCL02-25
		3.00"	MCL02-30
3/8"	3/8"	1.50"	MCL03-15
		2.00"	MCL03-20
		2.50"	MCL03-25
		3.00"	MCL03-30
1/2"	1/2"	1.50"	MCL04-15
		2.00"	MCL04-20
		2.50"	MCL04-25
		3.00"	MCL04-30



Thread	Hex Head Plug	Countersunk Hex Head Plug
1/8"	HHP01	RHP01
1/4"	HHP02	RHP02
3/8"	HHP03	RHP03
1/2"	HHP04	RHP04
3/4"	HHP06	RHP06



Thread	Sintered Bronze Cone-Style Mufflers	Brass Wire Mesh Mufflers	Plastic/Felt Mufflers
1/8" Male NPT	SBM01	BWM-01	PFM01
1/4" Male NPT	SBM02	BWM-02	PFM02
3/8" Male NPT	SBM03	BWM-03	PFM03
1/2" Male NPT	SBM04	BWM-04	PFM04
M5 x 0.8	SBM-M5	BWM-M5	
1/8" Male BSPT(R)	SBM01-PT	BWM-01-PT	
1/4" Male BSPT(R)	SBM02-PT	BWM-02-PT	PFM02-PT
3/8" Male BSPT(R)	SBM03-PT	BWM-03-PT	PFM03-PT
1/2" Male BSPT(R)	SBM04-PT	BWM-04-PT	PFM04-PT

Hose I.D.	Barb
1/4"	HM14-00
5/16"	HM516-00
3/8"	HM38-00
1/2"	HM12-00
3/4"	HM34-00



Manifolds & “Free” Swivel Fittings



Manifolds & “Free” Swivel Fittings

Rectangle Manifolds

Rectangle Manifolds provide two supply ports and multiple branch circuits. This arrangement enables the manifold to be placed in the middle of an air supply, allowing air to flow through.

Part Number	Inlet	Outlet	Number of Outlets	Length	Width	Height	Weight
MLA-3	1/2" Female NPT	1/4" Female NPT	3	4.57"	1.57"	1.57"	13.75oz
MLA-5	1/2" Female NPT	1/4" Female NPT	5	7.50"	1.57"	1.57"	21.90oz



MLA-3



MLA-5

Round Manifolds

Round Aluminum Manifolds feature a compact package, enabling multiple outlets to branch off a single inlet. The arrangement of the manifold provides a nearly in-line arrangement.

Part Number	Inlet	Outlet	Number of Outlets	Length	Width	Height	Weight
MYA-2	1/4" Female NPT	1/4" Female NPT	2	1.55"	1.55"	1.50"	2.50oz
MYA-3	1/4" Female NPT	1/4" Female NPT	3	1.55"	1.55"	1.50"	2.30oz



MYA-2



MYA-3



Manifolds & “Free” Swivel Fittings



Free-Angle® Fittings

The Free-Angle® Series was introduced in the early 1990's to address ergonomic issues in assembly settings. The Free-Angle® provides an ergonomic connection to air tools and equipment.

The Free-Angle® swivels 360° and pivots 45°, preventing kinking, tangles, and strain on compressed air lines.

- Reduces Operator Fatigue during Repetitive Movements
- Two Swivel Joints Enhance Ergonomics
- Minimizes Twisting in Straight and Spiral Hoses
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Thread Sealant on all Male Fittings



NFA - N2M - N2M

Style	
NFA	Free-Angle® Fitting
NFAB	Free-Angle® Hose Barb

Thread Style	
N	NPT
(Blank)	BSPT(R)
G	BSPP(G)
1	1/8"
2	1/4"
3	3/8"
M	Male Thread
F	Female Thread

Thread Style	
N	NPT
(Blank)	BSPT(R)
G	BSPP(G)
1	1/8"
2	1/4"
3	3/8"
M	Male Thread

Specifications	
Material	Chrome-Plated Steel
Maximum Working Pressure	145 psi
Temperature Range	23°F - 140°F
Media	Compressed Air
Seal Material	NBR- Rubber

Model	Thread 1	Hex 1	Thread 2	Hex 2	Length	O.D.
NFAN2F-N1M	1/4" Female NPT	19mm	1/8" Male NPT	19mm	2.12" (53.8mm)	0.74" (19.0mm)
NFAN2F-N2M			1/4" Male NPT		2.25" (57.1mm)	
NFAN2F-N3M			3/8" Male NPT		2.31" (58.6mm)	
NFAN3F-N3M	3/8" Female NPT	19mm	3/8" Male NPT	19mm	2.31" (58.6mm)	0.74" (19.0mm)
NFAN2M-N2M	1/4" Male NPT	19mm	1/4" Male NPT	19mm	2.31" (58.6mm)	0.74" (19.0mm)
NFAN3M-N3M	3/8" Male NPT	19mm	3/8" Male NPT	21mm	2.37" (60.1mm)	0.74" (19.0mm)
NFA2M-2M	1/4" Male BSPT(R)	19mm	1/4" Male BSPT(R)	19mm	2.31" (58.6mm)	0.74" (19.0mm)
NFA3M-3M	3/8" Male BSPT(R)	19mm	3/8" Male BSPT(R)	21mm	2.37" (60.1mm)	0.74" (19.0mm)
NFA2F-2M	1/4" Female BSPT(R)	19mm	1/4" Male BSPT(R)	19mm	2.25" (57.1mm)	0.74" (19.0mm)
NFA3F-3M	3/8" Female BSPT(R)	19mm	3/8" Male BSPT(R)	21mm	2.31" (58.6mm)	0.74" (19.0mm)
NFAB-N1M-2	1/8" Male NPT	19mm	1/4" Hose Barb	N/A	2.75" (69.8mm)	0.74" (19.0mm)
NFAB-N2M-2	1/4" Male NPT	19mm	1/4" Hose Barb	N/A	2.81" (71.3mm)	0.74" (19.0mm)
NFAB-N2M-3	1/4" Male NPT	19mm	3/8" Hose Barb	N/A	3.00" (76.2mm)	0.74" (19.0mm)
NFAB-N3M-3	3/8" Male NPT	19mm	3/8" Hose Barb	N/A	3.00" (76.2mm)	0.74" (19.0mm)

Manifolds & “Free” Swivel Fittings

The New Generation
FREE ANGLE®

The Improved, Ergonomic, Patented Swivel Fitting From ATP



Free-Angle® Plugs

The Free-Angle® Series was introduced in the early 1990's to address ergonomic issues in assembly settings. The Free-Angle® provides an ergonomic connection between air tools and hose. The Free-Angle® swivels 360° and pivots 45°, preventing kinking, tangles, and strain on compressed air lines.

- Reduces Operator Fatigue during Repetitive Movements
- Two Swivel Joints Enhance Ergonomics
- Minimizes Twisting in Straight and Spiral Hoses
- Chrome-Plating Resists Corrosion, Easily Cleaned of Paint or Grease
- Thread Sealant on all Male Fittings

Specifications	
Material	Chrome-Plated Steel
Maximum Working Pressure	145 psi
Temperature Range	23°F - 140°F
Media	Compressed Air

NFAP - N2M - UA

Style		Thread Style		Interchange	
NFAP	Free-Angle® Plug	N	NPT	UA	1/4" Industrial (US)
		(Blank)	BSPT(R)	UB	3/8" Industrial (US)
		1	1/8"	ARO210	ARO 210
		2	1/4"	TRUFL	TruFlate
		3	3/8"	LN	Lincoln
		M	Male Thread	C320	European/High Flow
				C84	ISO 6150-C
				JIS	Japanese (JIS)

Free Angle® Plugs

Model	Thread	Interchange	Body Size	Hex	Length	OD
NFAP-N1M-UA	1/8" Male NPT	Industrial	1/4"	19mm	1.88"	0.20"
NFAP-N2M-UA	1/4" Male NPT				2.11"	
NFAP-N3M-UA	3/8" Male NPT		3/8"	21mm	1.98"	0.20"
NFAP-N2M-UB	1/4" Male NPT	Industrial	3/8"	19mm	2.11"	0.28"
NFAP-N3M-UB	3/8" Male NPT			24mm	2.09"	
NFAP-N2M-A210	1/4" Male NPT	ARO 210	1/4"	22mm	2.33"	0.20"
NFAP-N2M-TRUFL	1/4" Male NPT	TruFlate	1/4"	22mm	2.24"	0.20"
NFAP-N2M-LN	1/4" Male NPT	Lincoln	1/4"	N/A	2.36"	0.19"
NFAP-N2M-C320	1/4" Male NPT	Euro 7,2	1/4"	24mm	2.36"	0.28"
NFAP-N2M-C84	1/4" Male NPT			22mm	2.36"	
NFAP-2M-C84	1/4" Male BSPT(R)			24mm	2.40"	0.31"
NFAP-N2M-JIS	1/4" Male NPT	Japanese	1/4"	22mm	2.50"	0.29"
NFAP-2M-JIS	1/4" Male BSPT(R)					

Aluminum Manifolds & “Free” Fittings

Free Elbow™

Free-Elbow™

The innovative design of the Free-Elbow™ provides increased airflow compared to competing units. A swivel along with a rotating joint provide an unrestricted range of motion for the user, reducing fatigue.



FEN2F - N2M

Style		Thread Style		Thread Style	
FE	Free-Elbow	N	NPT	N	NPT
		(Blank)	BSPT(R)	(Blank)	BSPT(R)
		2	1/4"	2	1/4"
		3	3/8"	3	3/8"
		4	1/2"	4	1/2"
		F	Female Thread	F	Female Thread
		M	Male Thread	M	Male Thread

Specifications	
Material	Chrome-Plated Steel
Maximum Working Pressure	145 psi
Temperature Range	23°F - 140°F
Media	Compressed Air
Seal Material	NBR- Rubber

Model	Thread 1	Hex 1	Thread 2	Hex 2	Length	O.D.
FEN2F-N2M	1/4" Female NPT	19mm	1/4" Male NPT	19mm	2.40" (60.9mm)	0.80" (20.3mm)
FEN3F-N3M	3/8" Female NPT		3/8" Male NPT		2.44" (61.9mm)	
FEN4F-N4M	1/2" Female NPT	24mm	1/2" Male NPT	24mm	2.85" (72.3mm)	1.02" (25.9mm)
FE2F-2M	1/4" Female BSPT(R)	19mm	1/4" Male BSPT(R)	19mm	2.40" (60.9mm)	0.80" (20.3mm)
FE3F-3M	3/8" Female BSPT(R)		3/8" Male BSPT(R)		2.44" (61.9mm)	
FE4F-4M	1/2" Female BSPT(R)	24mm	1/2" Male BSPT(R)	24mm	2.85" (72.3mm)	1.02" (25.9mm)



Clamps & Tools



Oetiker® Clamps & Tools

General Information

Advanced Technology Products offers two lines of hose clamps, Oetiker® Ear Clamps, and Worm Drive Clamps.



Ear Clamps

Ear Clamps offer a simple, long lasting installation where removal or disassembly is generally not required. Care must be taken during the clamping procedure to ensure that the proper amount of force is used during crimping. ATP offers Oetiker® Clamp Installation Tools in a variety of configurations (page 151-152).

Clamping Instructions are provided in the description of each category.

Clamps

	101 Series	151 Series	153 Series	155 Series Mechanical Interlock	167 Series Stepless®
Number of Ears	2	2	1	1	1
Material	Zinc-Plated Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel



 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov

Oetiker® Clamps & Tools



167 Group Stepless® Clamps

Offering uniform compression force, Stepless® Ear Clamps from Oetiker® are a great choice for creating strong connections.

- Conforms to ASTM F877/F2098
- Burr-Free Edges Reduce Damage to Hoses Being Clamped
- Narrow Width Concentrates Clamping Force
- Suitable for Tubing or Hose
- Stainless Steel Construction

Selection: Measure the outside diameter (O.D.) of the hose to be clamped. Select a clamp with an average size range that is close to the hose's O.D. An optimal clamp size will allow the hose's O.D. to fall in the middle of the clamp's size range.

Clamping Procedure: After assembling the hose, use an Oetiker® ear clamping tool to compress the clamp's ear. The clamp's ear should be reduced in size by at least 40% to provide enough clamping force. If sized correctly, the clamp's ear should not close completely during compression.

Note: All Clamps Sold in Bag Quantities of 100 Unless Otherwise Noted

167 Series, 5mm Band Width

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
16702488	5.30 - 6.50	0.208 - 0.255	4mm	0.5mm	5mm
16700001	5.80 - 7.00	0.225 - 0.276			
16700002	6.90 - 8.00	0.267 - 0.315			
16700003	7.00 - 8.70	0.276 - 0.342	5.5mm		
16700004	7.80 - 9.50	0.307 - 0.374			
16700005	8.30 - 10.0	0.326 - 0.393			
16700006	8.80 - 10.5	0.346 - 0.413			
16702492	9.20 - 10.9	0.362 - 0.429			
16700007	9.60 - 11.3	0.377 - 0.444			
16700008	10.1 - 11.8	0.397 - 0.464			

Oetiker® Clamps & Tools



167 Series, 7mm Band Width

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
16702951	9.40 - 11.9	0.37 - 0.46	8mm	0.6mm	7mm
16700009	9.80 - 12.3	0.38 - 0.48			
16702493	10.3 - 12.8	0.40 - 0.50			
16700010	10.8 - 13.3	0.42 - 0.52			
16700011	11.3 - 13.8	0.44 - 0.54			
16700012	11.5 - 14.0	0.45 - 0.55			
16702864	11.7 - 14.2	0.46 - 0.55			
16700013	12.0 - 14.5	0.47 - 0.57			
16700014	12.3 - 14.8	0.48 - 0.58			
16700015	12.8 - 15.3	0.50 - 0.60			
16700016	13.2 - 15.7	0.51 - 0.61			
16702998	13.5 - 16.0	0.53 - 0.62			
16702494	13.7 - 16.2	0.53 - 0.63			
16702495	14.1 - 16.6	0.55 - 0.65			
16702496	14.3 - 16.8	0.56 - 0.66			
16700017	14.5 - 17.0	0.57 - 0.66			
16702497	15.0 - 17.5	0.59 - 0.68			
16700018	14.6 - 17.8	0.58 - 0.70	10mm		
16700019	14.8 - 18.0	0.58 - 0.70			
16700020	15.3 - 18.5	0.60 - 0.72			
16700110	16.0 - 19.2	0.62 - 0.75			
16702498	16.6 - 19.8	0.65 - 0.77			
16700024	17.8 - 21.0	0.70 - 0.82			
16700026	19.4 - 22.6	0.76 - 0.88			
16700028	20.3 - 23.5	0.79 - 0.93			
16700029	20.9 - 24.1	0.82 - 0.94			
16700031	22.4 - 25.6	0.88 - 1.00			
16700033	23.9 - 27.1	0.94 - 1.06			
16700035	25.4 - 28.6	1.00 - 1.12			
16700037	26.9 - 30.1	1.05 - 1.18			
16700039	27.6 - 30.8	1.08 - 1.21			
16705637	28.4 - 31.6	1.11 – 1.24			
16704967	29.9 - 31.6	1.17 – 1.24			
16700044	31.4 - 34.6	1.23 – 1.36			
16700046	32.9 - 36.1	1.29 – 1.42			
16704963	34.4 - 37.6	1.35 - 1.48			
16705000	34.9 - 38.1	1.37 - 1.50			
16705322	36.4 - 39.6	1.43 - 1.55			
16705989	37.8 - 41.0	1.48 - 1.61			
16705828	39.3 - 42.5	1.54 - 1.67			
16703640	40.8 - 44.0	1.60 - 1.73			
16704685	42.3 - 45.5	1.66 - 1.79			
16705181	43.8 - 47.0	1.72 - 1.85			
16704968	45.3 - 48.5	1.78 - 1.90			
16706325	46.8 - 50.0	1.84 - 1.96			
16704687	48.3 - 51.5	1.90 - 2.02			

WARNING:
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Oetiker® Clamps & Tools



167 Series, 7mm Band Width (continued)

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
16705323	49.8 - 53.0	1.96 - 2.08	10mm	0.6mm	7mm
16703053	51.3 - 54.5	2.01 - 2.14			
16704688	52.8 - 56.0	2.07 - 2.20			
16703054	54.3 - 57.5	2.13 - 2.26			
16704689	55.8 - 59.0	2.19 - 2.32			
16704896	57.3 - 60.5	2.25 - 2.38			
16703055	58.8 - 62.0	2.31 - 2.44			
16700068	60.3 - 63.5	2.37 - 2.50			
16705708	61.8 - 65.0	2.43 - 2.55			
16705086	63.3 - 66.5	2.49 - 2.61			
16704690	64.8 - 68.0	2.55 - 2.67			
16706640	66.3 - 69.5	2.61 - 2.73			
16705475	67.8 - 71.0	2.66 - 2.79			
16707567	69.3 - 72.5	2.72 - 2.85			
16704721	70.8 - 74.0	2.78 - 2.91			
16705655	72.3 - 75.5	2.84 - 2.97			
16703767	73.8 - 77.0	2.90 - 3.03			
16705459	75.3 - 78.5	2.96 - 3.09			
16709057	76.8 - 80.0	3.02 - 3.14			
16703763	78.3 - 81.5	3.08 - 3.20			
16703245	79.8 - 83.0	3.14 - 3.26			
16705392	81.3 - 84.5	3.20 - 3.32			
16703262	82.8 - 86.0	3.24 - 3.38			
16709058	84.3 - 87.5	3.31 - 3.44			
16706418	85.8 - 89.0	3.77 - 3.50			
16703815	87.3 - 90.5	3.44 - 3.56			
16703199	88.8 - 92.0	3.49 - 3.62			
16703689	90.3 - 93.5	3.55 - 3.68			
16703838	91.8 - 95.0	3.61 - 3.74			
16703836	93.3 - 96.5	3.67 - 3.79			
16709059	94.8 - 98.0	3.73 - 3.85			
16709060	96.3 - 99.5	3.79 - 3.97			
16702444	97.8 - 101.0	3.85 - 3.97			
16703768	99.3 - 102.5	3.90 - 4.03			
16703769	100.8 - 104.0	3.96 - 4.09			
16709061	102.3 - 105.5	4.03 - 4.15			
16709062	103.8 - 107.0	4.08 - 4.21			
16709063	105.3 - 108.5	4.14 - 4.27			
16709064	106.8 - 110.0	4.20 - 4.33			
16709065	108.3 - 111.5	4.26 - 4.38			
16709066	109.8 - 113.0	4.32 - 4.44			
16709067	111.3 - 114.5	4.38 - 4.50			
16709068	112.8 - 116.0	4.44 - 4.56			
16709069	114.3 - 117.5	4.50 - 4.62			
16707226	115.8 - 119.0	4.55 - 4.68			
16706230	117.3 - 120.5	4.61 - 4.74			

WARNING:
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Oetiker® Clamps & Tools



167 Series, 9mm Band Width

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
16709194	17.80 – 21.00	0.70 – 0.82	10mm	0.6mm	9mm
16709195	19.40 – 22.60	0.76 – 0.88			
16705906	20.30 – 23.50	0.79 – 0.92			
16708908	20.90 – 24.10	0.82 – 0.94			
16709196	22.40 – 25.60	0.88 – 1.00			
16709197	23.90 – 27.10	0.94 – 1.06			
16709198	25.40 – 28.60	1.00 – 1.12			
16707087	26.90 – 30.10	1.05 – 1.18			
16709199	27.60 – 30.80	1.07 – 1.21			
16709070	28.40 – 31.60	1.11 – 1.24			
16709071	29.90 – 33.10	1.17 – 1.30			
16709072	31.40 – 34.60	1.23 – 1.36			
16707327	32.90 – 38.10	1.29 – 1.50			
16708398	34.40 – 37.60	1.35 – 1.48			
16707847	34.90 – 38.10	1.37 – 1.50			
16707933	36.40 – 39.60	1.43 – 1.55			
16707934	37.80 – 41.00	1.48 – 1.61			
16708509	39.30 – 42.50	1.54 – 1.67			
16707371	40.80 – 44.00	1.60 – 1.73			
16707848	42.30 – 45.50	1.66 – 1.79			
16707935	43.80 – 47.00	1.72 – 1.85			
16708937	45.30 – 48.50	1.77 – 1.90			
16709074	46.80 – 50.00	1.84 – 1.96			
16709075	48.30 – 51.50	1.90 – 2.02			
16709076	49.80 – 53.00	1.96 – 2.08			
16709077	51.30 – 54.50	2.01 – 2.14			
16709078	52.80 – 56.00	2.07 – 2.20			
16709079	54.30 – 57.50	2.13 – 2.26			
16709081	55.80 – 59.00	2.19 – 2.32			
16707289	57.30 – 60.50	2.25 – 2.38			
16708097	58.50 – 62.00	2.30 – 2.44			
16709082	60.30 – 63.50	2.37 – 2.50			
16706262	61.80 – 65.00	2.43 – 2.55			
16709083	63.30 – 66.50	2.51 – 2.61			
16707630	64.80 – 68.00	2.55 – 2.67			
16707724	66.30 – 69.50	2.61 – 2.73			
16709085	67.80 – 71.00	2.66 – 2.79			
16708638	69.30 – 72.50	2.72 – 3.85			
16709086	70.80 – 74.00	2.78 – 2.91			
16709087	72.30 – 75.50	2.84 – 2.97			
16709088	73.80 – 77.00	2.90 – 3.03			
16709089	75.30 – 75.50	2.96 – 2.97			
16709090	76.80 – 80.00	3.02 – 3.14			
16709091	78.30 – 81.50	3.08 – 3.20			
16708804	78.90 – 83.00	3.10 – 3.26			
16709092	81.30 – 84.50	3.20 – 3.32			

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Oetiker® Clamps & Tools



167 Series, 9mm Band Width (Continued)

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
16709093	82.80 – 86.00	3.25 – 3.38	10mm	0.6mm	9mm
16709094	84.30 – 87.50	3.31 – 3.44			
16709095	85.80 – 89.00	3.37 – 3.50			
16709096	87.30 – 90.50	3.43 – 3.56			
16709097	88.80 – 92.00	3.49 – 3.62			
16708695	90.30 – 93.50	3.55 – 3.68			
16708706	91.80 – 95.00	3.61 – 3.74			
16709200	93.30 – 96.50	3.67 – 3.79			
16708265	94.80 – 98.00	3.73 – 3.85			
16707709	96.30 – 99.50	3.79 – 3.91			
16709098	97.80 – 101.00	3.85 – 3.97			
16709099	99.30 – 102.50	3.90 – 4.03			
16709101	100.80 – 104.00	3.96 – 4.09			
16709102	102.30 – 105.50	4.02 – 4.15			
16709103	103.80 – 107.00	4.08 – 4.21			
16709104	105.30 – 108.50	4.14 – 4.27			
16709106	106.80 – 110.00	4.20 – 4.33			
16709107	108.30 – 111.50	4.26 – 4.38			
16709108	109.80 – 113.00	4.32 – 4.44			
16709109	111.30 – 114.50	4.38 – 4.50			
16709110	112.80 – 116.00	4.44 – 4.56			
16709111	114.30 – 117.50	4.50 – 4.62			
16709112	115.80 – 119.00	4.55 – 4.68			
16709113	117.30 – 120.50	4.61 – 4.74			

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Oetiker® Clamps & Tools



101 Group Double Ear Clamps

Double Ear Clamps offer a wider clamping range as well as elastic properties. The 101 Group's elastic properties enable consistent clamping force in environments with high vibration and large temperature shifts.

- Burr-Free Edges Reduce Damage to Hoses Being Clamped
- Narrow Width Concentrates Clamping Force
- Suitable for Tubing or Hose
- Composed of Zinc-Plated Steel

Selection: Measure the outside diameter (O.D.) of the hose to be clamped. Select a clamp with an average size range that is close to the hose's O.D. An optimal clamp size will allow the hose's O.D. to fall in the middle of the clamp's size range.

Clamping Procedure: After assembling the hose, use an Oetiker® ear clamping tool to compress the clamp's first ear, followed by clamping the second. The clamp's ears should be reduced in size by at least 40% to provide enough clamping force. If sized correctly, the clamp's ears should not close completely during compression.

Note: All Clamps Sold in Bag Quantities of 100 Unless Otherwise Noted

101 Series

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Band Thickness	Band Width
10100000	3.10 – 4.10	0.12 – 0.16	0.5mm	3.5mm
10100001	3.50 – 4.50	0.13 – 0.17	0.6mm	
10100002	3.40 – 5.00	0.13 – 0.19	0.7mm	5mm
10100004	5.00 – 7.00	0.19 – 0.27		6mm
10100008	7.00 – 9.00	0.27 – 0.35	1.0mm	7mm
10100011	8.00 – 11.00	0.31 – 0.43		
10100016	11.00 – 13.00	0.43 – 0.51		
10100019	12.50 – 15.00	0.49 – 0.59		
10100022	14.00 – 17.00	0.55 – 0.66	1.2mm	8mm
10100024	15.00 – 18.00	0.59 – 0.70		8.5mm
10100027	16.00 – 20.00	0.62 – 0.78		
10100029	18.00 – 22.00	0.70 – 0.86	1.5mm	9mm
10100030	19.00 – 23.00	0.74 – 0.90		10mm
10100032	21.00 – 25.00	0.82 – 0.98		
10100034	22.50 – 27.00	0.88 – 1.06		
10100035	24.00 – 28.00	0.94 – 1.10		
10100037	26.30 – 31.00	1.03 – 1.22		
10100041	29.30 – 34.00	1.15 – 1.33		
10100043	32.00 – 37.00	1.25 – 1.45		
10100045	35.00 – 40.00	1.37 – 1.57		
10100047	37.60 – 43.00	1.48 – 1.69		
10100049	40.60 – 46.00	1.59 – 1.81		

WARNING: Cancer and Reproductive Harm
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Oetiker® Clamps & Tools

155 Group Single Ear Clamps with Mechanical Interlock



Selection: Measure the outside diameter (O.D.) of the hose to be clamped. Select a clamp with an average size range that is close to the hose's O.D. An optimal clamp size will allow the hose's O.D. to fall in the middle of the clamp's size range.

Clamping Procedure: After assembling the hose, use an Oetiker® ear clamping tool to compress the clamp's ear. The clamp's ear should be reduced in size by at least 40% to provide enough clamping force. If sized correctly, the clamp's ear should not close completely during compression.

Note: All Clamps Sold in Bag Quantities of 100 Unless Otherwise Noted

These single ear clamps provide a mechanical interlock, rather than a standard spot weld. This mechanical interlock further enhances durability and corrosion resistance.

- Burr-Free Edges Reduce Damage to Hoses Being Clamped
- Suitable for Tubing or Hose
- Stainless Steel Construction

155 Series

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
15500000	8.90 – 10.50	0.35 – 0.41	5.0mm	0.6mm	7mm
15500001	9.70 – 11.30	0.38 – 0.44			
15500002	10.40 – 12.30	0.41 – 0.48	6.0mm		
15500003	11.40 – 13.30	0.44 – 0.52			
15500004	11.50 – 13.50	0.45 – 0.53	6.5mm		
15500005	11.90 – 13.80	0.47 – 0.54	6.0mm		
15500006	11.90 – 14.00	0.47 – 0.55	6.5mm		
15500007	12.60 – 14.50	0.50 – 0.57	6.0mm		
15500008	13.50 – 15.70	0.53 – 0.62	7.0mm		
15500009	15.10 - 17.00	0.59 – 0.67	6.0mm		
15500010	15.70 – 18.50	0.62 - 0.73	9.0mm		
15500011	17.00 – 19.80	0.68 – 0.78			
15500012	18.20 – 21.00	0.72 – 0.83			
15500013	19.80 – 22.60	0.78 – 0.89			
15500014	21.30 – 24.10	0.84 – 0.95			
15500015	22.80 – 25.60	0.90 – 1.01			
15500016	24.00 – 27.10	0.94 – 1.07	10mm		
15500017	25.50 – 28.60	1.00 – 1.26			
15500018	27.00 – 30.10	1.06 – 1.19			
15500019	28.50 – 31.60	1.12 – 1.24			
15500020	30.00 – 33.10	1.18 – 1.43			
15500021	31.50 – 34.60	1.24 – 1.36			
15500022	33.00 – 36.10	1.30 – 1.42			
15500023	34.50 – 37.60	1.36 – 1.48			
15500024	35.00 – 38.10	1.38 – 1.50			
15500025	36.50 – 39.60	1.44 – 1.60			
15500026	37.90 – 41.00	1.49 – 1.61			
15500027	39.40 – 42.50	1.55 – 1.67			
15500028	40.90 – 44.00	1.61 – 1.73			
15500029	42.40 – 45.50	1.67 – 1.79			
15500030	43.90 – 47.00	1.73 – 1.85			
15500031	45.40 – 48.50	1.79 – 1.91			
15500032	46.90 – 50.00	1.85 – 1.97			

Oetiker® Clamps & Tools



155 Series (Continued)

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
15500033	48.40 – 51.50	1.91 – 2.03	10mm	0.6mm	7mm
15500034	49.90 – 53.00	1.96 – 2.09			
15500035	51.40 – 54.50	2.02 – 2.15			
15500036	52.90 – 56.00	2.08 – 2.02			
15500037	54.40 – 57.50	2.14 – 2.26			
15500038	55.90 – 59.00	2.20 – 2.32			
15500039	57.40 – 60.50	2.26 – 2.38			
15500040	58.90 – 62.00	2.32 – 2.44			
15500041	60.40 – 63.50	2.38 – 2.50			
15500042	61.90 – 65.00	2.44 – 2.56			
15500043	63.40 – 66.50	2.49 – 2.61			
15500044	64.90 – 68.00	2.55 – 2.67			
15500045	66.40 – 69.50	2.61 – 2.73			
15500046	67.90 – 71.00	2.67 – 2.79			
15500047	69.40 – 72.50	2.73 – 2.85			
15500048	70.90 – 74.00	2.79 – 2.91			
15500049	72.40 – 75.50	2.85 – 2.95			
15500050	73.90 – 77.00	2.90 – 3.03			
15500051	75.40 – 78.50	2.96 – 3.09			
15500052	76.90 – 80.00	3.01 – 3.14			
15500053	78.40 – 81.50	3.08 – 3.20			
15500054	79.90 – 83.00	3.14 – 3.26			
15500055	81.40 – 84.50	3.20 – 3.32			
15500056	82.90 – 86.00	3.26 – 3.38			
15500057	84.40 – 87.50	3.32 – 3.44			
15500058	85.90 – 89.00	3.38 – 3.50			
15500059	87.40 – 90.50	3.44 – 3.56			
15500060	88.90 – 92.00	3.50 – 3.62			
15500061	90.40 – 93.50	3.55 – 3.68			
15500062	91.90 – 95.00	3.61 – 3.74			
15500063	93.40 – 96.50	3.67 – 3.79			
15500064	94.90 – 98.00	3.73 – 3.85			
15500065	96.40 – 99.50	3.79 – 3.91			
15500066	97.90 – 101.00	3.85 – 3.97			
15500067	99.40 – 102.50	3.91 – 4.03			
15500101	100.90 – 104.00	3.97 – 4.09			
15500068	102.40 – 105.50	4.03 – 4.15			
15500102	103.90 – 107.00	4.09 – 4.21			
15500103	105.40 – 108.50	4.14 – 4.27			
15500104	106.90 – 110.00	4.20 – 4.33			
15500105	108.40 – 111.50	4.26 – 4.38			
15500106	109.90 – 113.00	4.32 – 4.44			
15500107	111.40 – 114.50	4.39 – 4.50			
15500069	112.90 – 116.00	4.44 – 4.56			



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Oetiker® Clamps & Tools

151 Group Stainless Steel Double Ear Clamps



Double Ear Clamps offer a wider clamping range as well as elastic properties. The 151 Group's elastic properties enable consistent clamping force in environments with high vibration and large temperature shifts.

- Burr-Free Edges Reduce Damage to Hoses Being Clamped
- Narrow Width Concentrates Clamping Force
- Suitable for Tubing or Hose
- Composed of Stainless Steel

Selection: Measure the outside diameter (O.D.) of the hose to be clamped. Select a clamp with an average size range that is close to the hose's O.D. An optimal clamp size will allow the hose's O.D. to fall in the middle of the clamp's size range.

Clamping Procedure: After assembling the hose, use an Oetiker® ear clamping tool to compress the clamp's first ear, followed by clamping the second. The clamp's ears should be reduced in size by at least 40% to provide enough clamping force. If sized correctly, the clamp's ears should not close completely during compression.

Note: All Clamps Sold in Bag Quantities of 100 Unless Otherwise Noted

151 Series

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
15100000	3.10 – 4.10	0.12 – 0.18	N/A	0.5mm	3.5mm
15100001	3.50 – 4.50	0.13 – 0.17		0.6mm	
15100002	3.40 – 5.00	0.13 – 0.19		0.7mm	5mm
15100003	5.00 – 7.00	0.19 – 0.27			6mm
15100004	7.00 – 9.00	0.27 – 0.35		1.0mm	7mm
15100006	11.00 – 13.00	0.43 – 0.51			
15100007	12.50 – 15.00	0.49 – 0.59			
15100008	14.00 – 17.00	0.55 – 0.66		1.2mm	8mm
15100009	15.00 – 18.00	0.59 – 0.70			
15100010	16.20 – 20.00	0.63 – 0.78			8.5mm
15100011	18.10 – 22.00	0.71 – 0.86		1.5mm	9mm
15100012	19.10 – 23.00	0.75 – 0.90			10mm
15100013	21.10 – 25.00	0.83 – 0.98			
15100014	22.50 – 27.00	0.86 – 1.06			
15100015	24.00 – 28.00	0.94 – 1.10			
15100016	26.30 – 31.00	1.03 – 1.22			
15100018	29.30 – 34.00	1.15 – 1.33			
15100019	32.00 – 37.00	1.25 – 1.45			
15100020	35.00 – 40.00	1.37 – 1.57			
15100021	37.60 – 43.00	1.48 – 1.69			
15100022	40.60 – 46.00	1.59 – 1.81			

Oetiker® Clamps & Tools

153 Group, Stainless, Single Ear Clamps



These single ear clamps are composed of stainless steel, providing enhanced corrosion resistance.

- Burr-Free Edges Reduce Damage to Hoses Being Clamped
- Stainless Steel Construction
- Suitable for Tubing or Hose

Selection: Measure the outside diameter (O.D.) of the hose to be clamped. Select a clamp with an average size range that is close to the hose's O.D. An optimal clamp size will allow the hose's O.D. to fall in the middle of the clamp's size range.

Clamping Procedure: After assembling the hose, use an Oetiker® ear clamping tool to compress the clamp's ear. The clamp's ear should be reduced in size by at least 40% to provide enough clamping force. If sized correctly, the clamp's ear should not close completely during compression.

Note: All Clamps Sold in Bag Quantities of 100 Unless Otherwise Noted

153 Series

Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width	
15300000	2.90 – 3.30	0.11 – 0.12	1.4mm	0.5mm	3mm	
15300001	3.00 – 3.50	0.11 – 0.13				
15300002	3.30 – 4.10	0.12 – 0.16	2.5mm			
15300054	3.80 – 4.60	0.14 – 0.18	3.0mm			
15300003	4.10 – 5.10	0.16 – 0.20	3.2mm			
15300055	4.60 – 5.60	0.18 – 0.22				
15300004	5.10 – 6.10	0.20 – 0.24				
15300005	5.60 – 6.60	0.22 – 0.25				
15300006	6.10 – 7.00	0.24 – 0.27	3.0mm		5mm	
15300007	6.50 – 7.50	0.25 – 0.29	3.5mm			
15300008	6.80 – 8.00	0.26 – 0.31	4.0mm			
15300009	7.10 – 8.30	0.27 – 0.32				
15300010	7.50 – 8.70	0.29 – 0.34				
15300011	7.50 – 9.00	0.29 – 0.35	5.0mm	0.7mm		6mm
15300012	8.10 – 9.50	0.31 – 0.37				
15300013	8.50 – 10.00	0.33 – 0.39				
15300014	9.10 – 10.50	0.35 – 0.41				
15300015	9.30 – 11.00	0.36 – 0.43	5.5mm			
15300016	9.60 – 11.30	0.37 – 0.45				
15300017	10.10 – 11.80	0.39 – 0.46				
15300018	10.10 – 12.00	0.39 – 0.47	6.5mm		0.8mm	
15300019	10.30 – 12.30	0.40 – 0.48				
15300020	10.80 – 12.80	0.42 – 0.50			0.8mm	
15300021	11.30 – 13.30	0.44 – 0.52				

WARNING: Cancer and Reproductive Harm
– www.P65Warnings.ca.gov

Oetiker® Clamps & Tools

153 Series (Continued)



Part Number	Range (mm) Close - Open	Range (inch) Close - Open	Ear Width (Inside)	Band Thickness	Band Width
15300022	11.80 – 13.80	0.46 – 0.54	6.5mm	0.8mm	6mm
15300023	12.00 – 14.00	0.47 – 0.55			
15300024	12.50 – 14.50	0.49 – 0.57			
15300025	13.00 – 15.00	0.51 – 0.59			
15300026	13.50 – 15.50	0.53 – 0.61			
15300027	13.80 – 16.00	0.54 – 0.62	7.0mm		
15300028	14.00 – 16.50	0.55 – 0.64	8.0mm		
15300029	14.60 – 16.80	0.57 – 0.66	7.0mm		
15300030	15.30 – 17.50	0.60 – 0.68			
15300031	16.30 – 18.50	0.64 – 0.72			
15300032	17.20 – 19.50	0.67 – 0.76	7.5mm		
15300033	17.70 – 20.00	0.69 – 0.78			
15300034	17.90 – 20.70	0.70 – 0.81	9.0mm		
15300035	18.70 – 21.00	0.73 – 0.82	7.5mm		
15300036	19.50 – 21.80	0.76 – 0.85			
15300037	19.90 – 22.50	0.78 – 0.88	8.5mm		
15300038	21.00 – 23.50	0.82 – 0.92			
15300040	21.70 – 24.50	0.85 – 0.96	9.0mm		
15300041	22.70 – 25.50	0.89 – 1.00			
15300043	23.60 – 26.30	0.91 – 1.03	8.5mm		
15300044	24.10 – 27.00	0.94 – 1.06	9.5mm		
15300045	27.20 – 30.70	1.07 – 1.20	11.0mm		

Oetiker® Clamps & Tools

Clamp Kits



18500056 – Service Clamp Kit with Standard Jaw Pincers

Contains the Following:

Item	Quantity
2 Ear Clamp , 9mm (5/16")	15
2 Ear Clamp , 11mm (3/8")	15
2 Ear Clamp , 13mm (1/2")	15
2 Ear Clamp , 15mm (9/16")	15
2 Ear Clamp, 18mm (5/8")	15
2 Ear Clamp , 20mm (3/4")	12
2 Ear Clamp , 23mm (7/8")	12
2 Ear Clamp , 25mm (15/16")	12
2 Ear Clamp , 27mm (1")	12
Standard Jaw Pincer	1



18500060 – Stepless® Ear Clamp Kit

Contains the Following:

Item	Quantity
Stepless® Clamp, 13.3mm (1/2")	10
Stepless® Clamp, 14.5mm (9/16")	10
Stepless® Clamp, 15.7mm (5/8")	10
Stepless® Clamp, 18.5mm (23/32")	10
Stepless® Clamp, 22.6mm (7/8")	10
Stepless® Clamp, 28.6mm (1 1/8")	10
Stepless® Clamp, 31.6mm (1 1/4")	10
Standard Jaw Pincer	1

 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov

Oetiker® Clamps & Tools



18500106 – Welding Hose Repair Kit

Contains the Following:

Item	Quantity
"B" RH Brass Oxygen Nuts	6
"B" LH Brass Acetylene Nuts	6
1/4" Brass Nipples	6
3/16" Brass Nipples	2
3/16" Brass Hose Menders	2
1/4" Brass Hose Menders	4
9/16" (15mm) Twin Clamps	4
2 Ear Clamps, 1/2" (13mm)	10
2 Each Clamps, 9/16" (15mm)	40
Standard Jaw Pincer	1



Oetiker® Clamps & Tools



Side Jaw (Front & Side)

Ear Clamp Installation Tools

Clamp installation tools from Oetiker will provide consistent and even pressure around hose barbs.

Compound Action Ear Clamp Installation Tool #14100498



Model	Action	Jaw Style
14100498	Compound	Side (Front & Side)
14100396	Single	Standard (Front)



Standard Jaw (Front)

Single Action Ear Clamp Installation Tool #14100396



 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov.

Oetiker® Clamps & Tools

Pro Spec Hand Tube Cutter #14100504



Recommended for cutting of PEX, PE-RT, Poly tubing, HDPE up to 1"

- Replaceable V-Shaped Hollow Ground Blade
- Blade Safely Stores in Jaws when Locked
- Soft Molded, Spring Loaded Handles
- Thumb Actuated Lock
- Replacement Blades: 14100506



Hand Clamp Cutter #14100519



Quick and easy clamp cutter for Oetiker® ear clamps

- Clear Vision on Application
- Straight Soft Grip Handles
- Requires Minimal Hand Force

*For clamp cutting only - sharpened jaws will damage clamps if used as an installation tool.



 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov.

Oetiker® Clamps & Tools

Ear Clamp Installation Guide



* Only Oetiker recommended tools should be used to install Oetiker Ear Clamps. See previous page for installation tools.

Step 1: Slide appropriate sized Ear Clamp over tubing and fitting.



Step 2:

Using Oetiker brand Jaw Pincers, firmly squeeze both sides of the 'Ear' until the clamp is tightly closed around the hose and fitting.



 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov.

Oetiker® Clamps & Tools



Ear Clamp Removal Guide

* Only Oetiker recommended tools should be used to install Oetiker Ear Clamps. See previous page for removal tools.

There are three options for safely removing Oetiker Ear Clamps. This can provide easier access to Clamps that have been installed in hard-to-reach locations. The diagram to the right shows the three locations for cutting and removing an Ear Clamp. **Option 1** cuts across the top of the Ear. **Option 2** cuts across the side of the Ear. And **Option 3** cuts off the Ear Clamp band. See below for details on all three options.



1.



+



=



2.



+



=



3.



+



=



 **WARNING: Cancer and Reproductive Harm**
– www.P65Warnings.ca.gov

Tubing & Hose Cutters

Tubing and hose cutters from ATP ensure clean and square cuts.



TC-14

A compact and durable cutter constructed of a tough reinforced plastic. Suitable for tubing and hose from 1/8" to 1/2" OD (3mm-12mm)



TC-14RPK

5 Pack of carbon steel replacement blades.



TC-100

A high quality, large capacity cutter capable of sizes through 1" (25.4mm)

TC-100 BLADE

A single PTFE coated steel replacement blade.



ETC-20

Unique tubing and hose cutter equipped with a 1m tape measure. Rotatable 5 sided blade allows for longer blade service life.

ETC-20RPK

A Single 5 sided replacement blade.

Compressed Air Blowguns



Compressed Air Blowguns

Palm Type Blowgun



Palm Type Blow Guns provide an all metal lever operated unit in a small, tough package.

Model	Tip	Sound Level	Temperature Range	Inlet	Working Pressure	Body Material	OSHA Compliant?
BK9407-HDS	Bypass Style	N/A	32°F to 140°F	1/4" Female NPT	0-150 psi	Zinc-Plated Brass	Yes



K601

All-Metal Pistol Grip Blowguns

All-Metal Pistol Grip Blowguns provide comfortable ergonomics with durable construction.



K601-03

Model	Tip	Sound Level	Temperature Range	Inlet	Working Pressure	Body Material	OSHA Compliant?
K601	NA	NA	32°F to 140°F	1/4" Female NPT	0-150 psi	Plated Brass	No
K601-03	6" Fixed	83.7 dBA	32°F to 140°F	1/4" Female NPT	0-150 psi	Plated Brass	No
10K601-ARS	Vibro Nozzle	90.6 dBA	41°F to 140°F	1/4" Female NPT	0-150 psi	Plated Brass	Yes



10K601-ARS

Blowgun Nozzles



CRN250-BPN Blowgun Nozzle

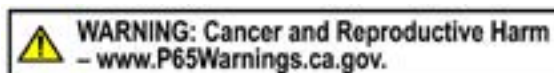
OSHA Compliant removable nozzle for the BK9405-5HD Blowgun.



10K-ARS Vibro Air Nozzle

The Vibro Air Nozzle features a pulsing action, allowing for increased performance, with reduced air consumption.

Available in standard 1/8" parallel blowgun nozzle thread.



Compressed Air Blowguns

Prevost 27202 Compressed Air Blowguns

Model	Tip	Sound Level	Temperature Range	Inlet	Working Pressure	Body Material	Consumption @ 87 psi	OSHA Compliant?
27202 OSHA	Permanent OSHA	90 dBa	5°F to 158°F	1/4" Male NPT	145 psi	Composite	7.7 scfm	Yes
27202 SIL	Silent Nozzle	77 dBa	-4°F to 158°F	1/4" Female NPT	90-120 psi	POM	6.8 scfm	Yes
27202 ECR	Protective Curtain	82 dBa	-4°F to 158°F	1/4" Female NPT	90-120 psi	POM	13.8 scfm	Yes
27202 MTL	Metal Nozzle	83 dBa	-4°F to 158°F	1/4" Female NPT	90-120 psi	POM	13.5 scfm	Yes



27202 OSHA



27202 SIL



27202 ECR



27202 MTL

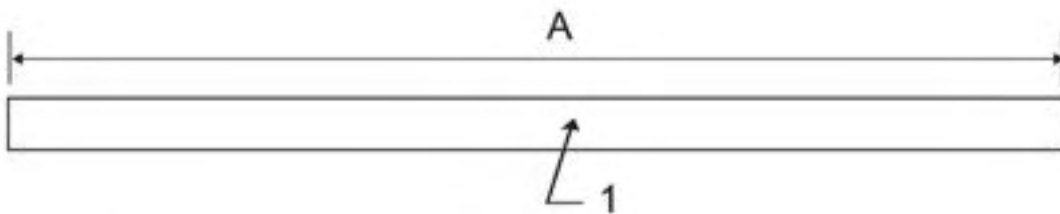


ATP Manufactures Custom Tubing and Spirals, Just for You!

- Tube and Wire Bonding
- Private Label Tubing
- Custom Product Packaging
- Custom Diameter Tubing Extrusions
- Custom Cut to Length Tubing and Hose (ATP or Customer-Supplied)
- Custom-Sized Spiral Hose
- Custom Fitting Installation
- Distributor-Managed Bin Stock Labelling Assistance

Custom doesn't need to mean "expensive"; customer labor and time savings are often realized when the experts (ATP) are involved. An Example: A manufacturer requires a section of tubing be cut to a specific length before installation. This requires personnel in a factory to process tubing from bulk rolls into desired lengths before installation. ATP will provide a finished product that is ready to install by the end user.

Custom Cut-Length



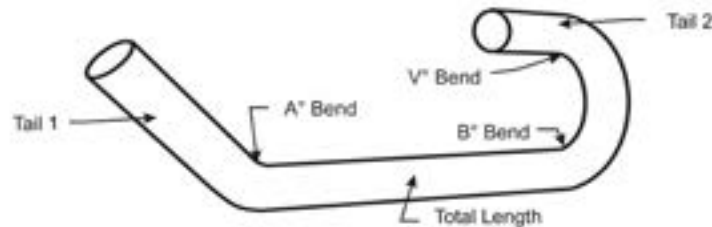
ATP specializes in manufacturing cut-length sections of tubing & hose. A bulk length of tubing is fed into an automated machine, which then cuts and dispenses the specified length of material.

Cut-length tubing enables manufacturers to stock completed sections of tubing as a separate part number, rather than requiring internal labor to convert bulk material into a sub-component of an overall assembly.

What does this translate to?

- Accurate component costing, sometimes less expensive than in-house production
- Better utilization of your own personnel, why pay someone to cut tubing?
- Forecasting and reduction of waste, you're stocking a completed part number
- 1/8" +/- precision

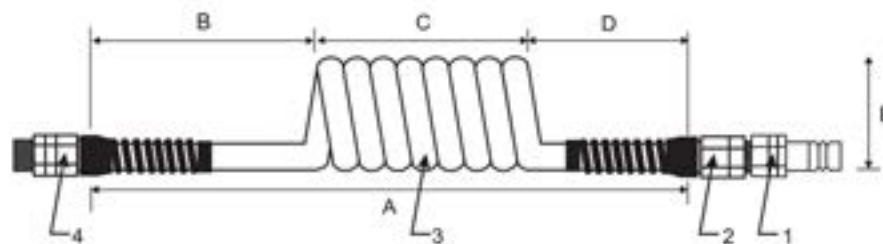
Custom Pre-Bent Tubing



ATP can bake tubing into a pre-bent assembly. This comes in handy for OEM applications where tight bends are necessary and your existing installation yields too much scrap. If it is under a dashboard, inside an enclosure, through a firewall, or within a robot...we can help.

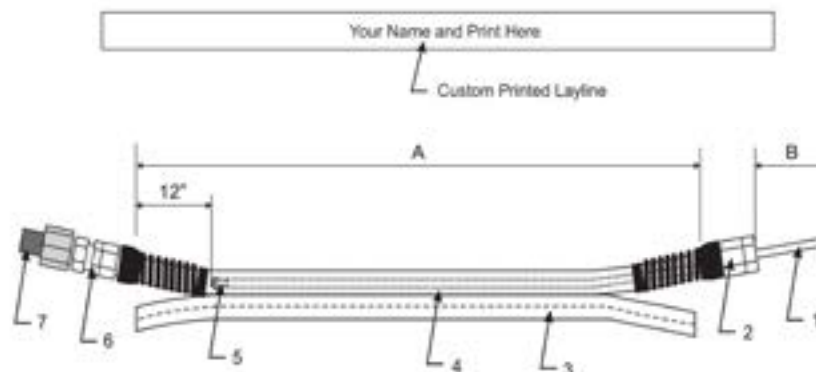
Costing and forecasting for your assembly line is also much simpler, we ship the finished product and it is inventoried as a sub-component in your bill of materials.

Custom Configured Spirals



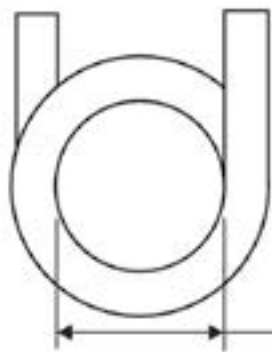
ATP will create a custom sized spiral specific to your application. The customization can be inside diameter, tubing size, fitting type, or even bonded multiple tube spirals.

Custom Private Label Tubing and Hose



Have a good brand but lack manufacturing capacity? We can help. ATP produces tubing for many large manufacturers. We can manufacture tubing in large volumes, with custom print lines and packaging. We'll work with you to ensure your needs are met.

Large Diameter Spirals



Up to 12" Inside Diameter

If it fits in our oven, we'll make it. How large? ATP has manufactured spirals with a 12" inside diameter and 1.5" hose diameter. Send us a drawing!

Custom Packaging



We'll make certain your product is packaged according to your needs. We can package in bulk, boxes, shrink wrap, tubes, clamshells, and bagged.

Bin Label Program



Need help setting up vendor managed inventory? Our sales and marketing department will furnish all ATP product labels, bar codes, customer part numbers, and associated requirements. We understand the barrier to entry in a VMI system is high and are willing to assist distributors with the process.



TechniBond® Bonded Capabilities



ATP can bond polyurethane tubing in any available color or size up to 28 tubes (dependent upon total size envelope). Bonding provides equipment installers and OEM assemblers time and labor savings by reducing installation time and material. Tubing bonded configurations are available in ribbon, stacked, and pyramids.

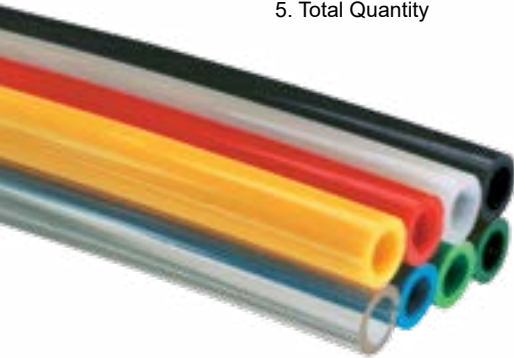




Required Information for Custom Bonding

Straight Tubing

1. Number of Tubes
2. OD of Each Tube
3. Grouping Configuration
4. Colors
5. Total Quantity



Spirals

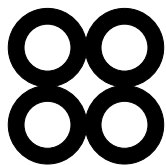
1. Number of Tubes
2. OD of Each Tube
3. Grouping Configuration
4. Colors
5. Working Length (Including Tails)
6. Length of Each Tail
7. Total Quantity



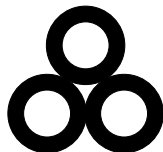
Standard Grouping Configurations



Ribbon

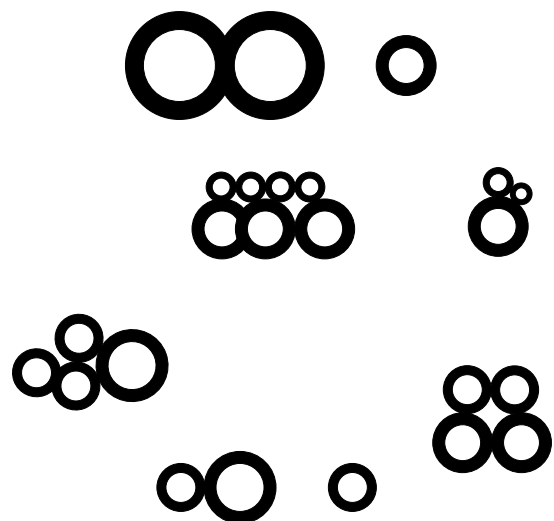


Stacked



Pyramid

Special Grouping Examples





How it Works

Step 1: Contact ATP



Step 2: We'll Discuss Your Requirements



Step 3: A Drawing is Issued, Pending your Approval.



Step 4: Pricing Quotation



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HFSOC-_M	P110	MCL02-_ _	P130	NFAP-N_M-UB	P134
HFSOC-N_F	P110	MCL03-_ _	P130	NFAP-N2M-A210	P120&134
HFSOC-N_M	P110	MCL04-_ _	P130	NFAP-N2M-C320	P120&134
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HLJB	P80	MFAC-08	P87	NFAP-N2M-TRUFL	P120&134
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SS38SI-N_M	P115	STLF03-03-VS	P87	TT-14-_-_-	P91
STH_--_BKR_--	P22	STT0_-0_-VS	P87	TT-16-_-_-	P91
STH_--_ABKR_--	P22	TC-100	P155	TT-2164-_-_-	P91
STH_--_BBKR_--	P22	TC-100 BLADE	P155	TT-316-_-_-	P91
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STH12-_MSBR	P105	TC-14RPK	P155	TT-8-_-_-	P91

Chemical Resistance Chart

	Polyurethane	Nylon 12	Polyethylene	PVC	PTFE	Weld Tubing Cover
Acids						
Acetic, 3n	B	E	A	A	A	A
Boric, 4%	B	A	A	A	A	A
Chromic, 3n	D	E	A	A	A	—
Citronic, 3n	B	—	A	A	A	—
Formic, 3n	D	A	A	A	A	A
HCl, 3n	A	E	A	A	A	—
Lactic, 3n	C	B	A	A	A	A
Nitric, 3n	D	E	A	A	A	B
Phosphoric, 3n	D	D	A	A	A	A
Sulfuric, <20%	A	B	A	A	A	A
Sulfuric, >20%	B	C	B	A	A	A
Alkalines						
Ammonia, 3n	A	A	—	A	A	A
Potassium Hydroxide, 3n	A	—	A	A	A	A
Sodium Hydroxide, <20%	A	A	A	A	A	A
Sodium Hydroxide, >20%	C	A	—	A	A	A
Aqueous Solution						
Aluminum Chloride, 10%	B	—	A	A	A	A
Ammonium Chloride, 10%	B	A	A	A	A	A
Bleaching Agent, 40%	A	E	—	—	A	A
Bleaching Agent, 100%	B	E	—	—	A	—
Calcium Chloride, 40%	B	A	A	—	A	—
Caustic Soda, 10%	A	A	—	—	A	—
Ferric Chloride, 10%	B	—	A	A	A	A
Hydrogen Peroxide, 3%	A	A	A	A	A	A
Magnesium Chloride, 30%	B	—	A	A	A	—
Potassium Chloride, 40%	B	A	A	—	A	—
Potassium Dichromate, 10%	B	C	A	—	A	—
Potassium Permanganate, 5%	D	D	A	—	A	—
Sea Water	A	A	A	A	A	—
Sodium Bisulfate, 10%	B	A	A	—	A	—
Sodium Chloride, 10%	B	B	A	—	A	—
Sodium Hypochlorite, PH 13	A	B	A	—	A	A
Fuels						
ASTM Fuel A	A	—	—	B	A	—
ASTM Fuel B	C	—	—	C	A	—
ASTM Fuel C	C	—	—	—	A	—
Diesel Fuel	B	A	—	B	A	D
Gasohol (10-15% Methanol)	D	—	—	—	A	—
High-test (Super) Gasoline	D	A	—	—	A	—
Kerosene	A	V	—	B	A	D
Oils						
ASTM Oil #1	A	—	—	B	A	—
ASTM Oil #2	A	—	—	—	A	—
ASTM Oil #3	A	—	—	B	A	—
Brake Fluid (ATE or ATS)	D	A	—	—	A	—
Gear Box Oil (SAE 90)	A	—	—	—	A	—
Hydraulic Fluid	B	—	—	—	A	—
Hydraulic/Water Emulsion	B	—	—	—	A	—
Mineral Oil	A	A	C	A	A	—
Motor Oil	A	A	B	—	A	—
Paraffin Oil	A	A	—	A	A	—
Power Steering Fluid	B	—	—	—	A	—
Skydrol® 500 Oil	D	—	—	—	A	B

	Polyurethane	Nylon 12	Polyethylene	PVC	PTFE	Weld Tubing Cover
Greases						
Calcium Grease	A	—	—	—	A	—
Sodium Grease	A	—	—	—	A	—
Teflon® Grease	A	—	—	—	A	—
Miscellaneous						
Diethyl Phthalate (DEP)	A	—	C	C	A	—
Ethylene Chloride	B	C	D	—	A	D
Ethylene Glycol/Water 50/50	B	—	—	A	A	A
Household Cleaner	B	—	—	—	A	—
Naptha	A	—	A	B	A	D
Silage (Silo) Juice	B	—	—	—	A	—
Natural Perspiration	A	—	—	—	A	—
Tincture of Iodine	D	—	—	—	A	—
Tricresyl Phosphate	D	—	—	C	A	—
Solvents						
Acetone	D	A	D	C	A	B
Aniline	D	B	B	B	A	—
Benzene	D	A	D	C	A	D
Benzyl Alcohol	E	—	—	—	A	B
Butane	B	A	—	—	A	B
Butyl Acetate	D	A	B	C	A	—
Butyl Alcohol	D	A	A	—	A	—
Carbon Tetrachloride	D	A	D	C	A	D
Chlorobenzene	D	C	D	C	A	D
Chloroform	D	C	D	C	A	D
Cyclohexane	C	A	—	A	A	D
Ethanol	C	—	B	—	A	B
Ether	C	A	—	—	A	B
Ethyl Acetate	D	A	C	C	A	A
Freon 11, 12, 22	C	—	—	—	A	D
Glycerine & Glycol	A	A	B	A	A	A
Heptane	B	A	D	B	A	—
Hexane	B	A	—	B	A	—
Isopropyl Alcohol	C	A	—	—	A	—
Methanol	C	—	B	—	A	A
Methyl Acetate	D	—	—	C	A	—
Methyl Ethyl Ketone	C	A	—	C	A	—
Methyl Glycol	D	—	—	—	A	—
Methylene Chloride	D	E	D	C	A	—
N-Methyl Pyrrolidone	E	—	—	—	A	—
Perchloroethylene	D	—	—	C	A	—
Petroleum	B	A	—	—	A	—
Pyridine	E	A	—	—	A	B
Tetrachloroethylene	D	—	—	C	A	—
Tetrahydrofuran	D	B	D	C	A	B
Toluene	D	A	D	C	A	D
Trichloroethylene	D	C	D	C	A	D
Turpentine (Pine Oil)	B	A	C	B	A	B
Xylene	D	A	—	C	A	D

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A Excellent (0-3%)
B Good (4-15%)
C Fair (16-30%)
D Poor (>30%)
E Dissolves

WARNING:
This table is a general guide based on our testing. Although every effort was made to ensure its accuracy, we cannot guarantee your results due to variables in temperature and application. Therefore, no warranty is expressed or implied, and the user assumes all risk and liability.

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