

PREMIUM SILICONE HOSES  
FOR YOUR INDUSTRY

**FLEXTECH**

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**CATALOG**







## ABOUT US

Welcome to Flex Technologies — delivering world class silicone hose products with customized supply chain solutions, engineered to enhance performance for our diverse customer base.

Where many silicone hose suppliers have long lead times — upwards of five weeks — for standard products, Flex Technologies maintains among the most comprehensive inventories in the US. We carry up to three months of stock for many of our customers, which means, the product is ready when you are.

Explore over 600 SKU's, and in most cases, product can be shipped the same day the order is placed.

## SUPPORT YOU CAN COUNT ON

When it comes to expert support, Flex Technologies is with you every step of the way. Connect with one of our skilled engineers to assist in the development of your own custom products — we can craft just about any silicone product imaginable, with unmatched quality, for a broad range of industries and applications.

From in-house CAD and prototype capabilities to testing and certification, you won't have to go anywhere else.

Looking to increase your brand recognition? Contact a sales engineer at Flex Technologies for your custom branded private labeling program. Utilizing the most advanced printing methods available, we will gladly brand your product with single or multicolor inks that are heat-infused, for a permanent and reliable branding solution or laser print barcoding on your hose to last a lifetime

As a Flex Technologies customer, you gain peace of mind knowing all products meet or exceed SAE-J20 specifications and are of the highest quality.

This product guide provides an in-depth look at our silicone products, complete with all of the relevant specs you need to select the right product for the intended use.

All Flex Technologies products are manufactured in the US under strict quality standards of ISO9000 and QS9000 and comply with the SAE and TMC standards for performance.

# HIGH PERFORMANCE 4 PLY SILICONE STRAIGHT HOSE



## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Available (*Upon Request*) with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black
- Larger Diameters Available Upon Request up to 20" ID



TEMPERATURE RANGE:  
**-65°F TO 350°F** CONTINUOUS

PART NUMBER		WALL THICKNESS	BURST PSI
C40-025	0.250" ID 4 Ply Silicone Straight Hose	.200	<b>920</b>
C40-031	0.310" ID 4 Ply Silicone Straight Hose	.200	<b>749</b>
C40-038	0.380" ID 4 Ply Silicone Straight Hose	.200	<b>638</b>
C40-050	0.500" ID 4 Ply Silicone Straight Hose	.200	<b>529</b>
C40-062	0.625" ID 4 Ply Silicone Straight Hose	.200	<b>455</b>
C40-075	0.750" ID 4 Ply Silicone Straight Hose	.200	<b>403</b>
C40-087	0.870" ID 4 Ply Silicone Straight Hose	.200	<b>362</b>
C40-100	1.000" ID 4 Ply Silicone Straight Hose	.200	<b>330</b>
C40-112	1.125" ID 4 Ply Silicone Straight Hose	.200	<b>277</b>
C40-125	1.250" ID 4 Ply Silicone Straight Hose	.200	<b>270</b>
C40-131	1.310" ID 4 Ply Silicone Straight Hose	.200	<b>259</b>
C40-138	1.380" ID 4 Ply Silicone Straight Hose	.200	<b>245</b>
C40-150	1.500" ID 4 Ply Silicone Straight Hose	.200	<b>236</b>
C40-162	1.625" ID 4 Ply Silicone Straight Hose	.200	<b>217</b>
C40-175	1.750" ID 4 Ply Silicone Straight Hose	.200	<b>207</b>
C40-187	1.870" ID 4 Ply Silicone Straight Hose	.200	<b>198</b>
C40-200	2.000" ID 4 Ply Silicone Straight Hose	.200	<b>187</b>
C40-212	2.120" ID 4 Ply Silicone Straight Hose	.200	<b>182</b>
C40-225	2.250" ID 4 Ply Silicone Straight Hose	.200	<b>180</b>
C40-231	2.310" ID 4 Ply Silicone Straight Hose	.200	<b>177</b>

PART NUMBER		WALL THICKNESS	BURST PSI
C40-238	2.380" ID 4 Ply Silicone Straight Hose	.200	<b>172</b>
C40-250	2.500" ID 4 Ply Silicone Straight Hose	.200	<b>169</b>
C40-262	2.625" ID 4 Ply Silicone Straight Hose	.200	<b>159</b>
C40-275	2.750" ID 4 Ply Silicone Straight Hose	.200	<b>154</b>
C40-287	2.870" ID 4 Ply Silicone Straight Hose	.200	<b>87</b>
C40-300	3.000" ID 4 Ply Silicone Straight Hose	.200	<b>87</b>
C40-312	3.120" ID 4 Ply Silicone Straight Hose	.200	<b>87</b>
C40-325	3.250" ID 4 Ply Silicone Straight Hose	.200	<b>87</b>
C40-338	3.380" ID 4 Ply Silicone Straight Hose	.200	<b>75</b>
C40-350	3.500" ID 4 Ply Silicone Straight Hose	.200	<b>75</b>
C40-362	3.625" ID 4 Ply Silicone Straight Hose	.200	<b>75</b>
C40-375	3.750" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-387	3.870" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-400	4.000" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-425	4.250" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-450	4.500" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-475	4.750" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-500	5.000" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-550	5.500" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>
C40-600	6.000" ID 4 Ply Silicone Straight Hose	.200	<b>62</b>



# HIGH PERFORMANCE SILICONE TURBO HOSE



TEMPERATURE RANGE:  
**-65°F TO +500°F** CONTINUOUS

## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Aramid/Nomex Knitted Reinforced Hose
- Temp Range: -65°F to +500°F
- High Burst Capability/Extreme Burst Woven Material Available Upon Request
- Meets or Exceeds SAE-J20 Specs
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Wall .17 to .22
- Color: Iron Oxide Red

PART NUMBER		WALL THICKNESS	BURST PSI
HT40-200	2.000" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>200</b>
HT40-225	2.250" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>175</b>
HT40-250	2.500" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>149</b>
HT40-275	2.750" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>125</b>

PART NUMBER		WALL THICKNESS	BURST PSI
HT40-300	3.000" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>84</b>
HT40-325	3.250" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>84</b>
HT40-350	3.500" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>75</b>
HT40-400	4.000" ID Long 4 Ply Nomex Turbo Hose   Oxide Red	.17- .22	<b>62</b>

# HIGH PERFORMANCE C20W SILICONE HOSE



TEMPERATURE RANGE:  
**-65°F TO +350°F** CONTINUOUS

## SPECIFICATIONS & CHARACTERISTICS:

- Wire Reinforced Flex Hose
- Made with a Smooth Bore Interior and Exterior
- Two Plies of Polyester Reinforcement with a Tempered Steel Spring Stock
- Flexibility without Kinking
- Wall Thickness: .17-.22
- Wire Reinforcement is Placed End to End.
- SAE-J20 R2 Compliant.
- Oil Mist and Oil Splash Resistant
- UV Resistant
- Not Rated for Fuel
- Temperature Range: -65°F to +350°F

Flex hose will also allow for a **minimum 200% increase in burst strength** over a four-ply coolant hose.

Made with iron Oxide liner and a blue cover. Can be custom made in black or with a high temp Aramid Nomex reinforcement. Nomex will raise temperature ranges up to 500°F.

**Product stocked in 1" ID through 4" ID, however, custom sizes can be produced upon request.**

**Product sold in 36 ,48,72, 96, 108 and 144" long sections.**

# HIGH PERFORMANCE 90 DEGREE SILICONE ELBOWS



## SPECIFICATIONS & CHARACTERISTICS:

- 5 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature *(Upon Request)*
- Available with Fluorosilicone or Fluorocarbon Liner *(Petroleum & Chemical Applications)*
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black
- 10" Long Legs From Center of the Bend
- Leg Lengths Are measured From The Centerline of the Hose



TEMPERATURE RANGE:  
**-65°F TO 350°F** CONTINUOUS

PART NUMBER		WALL THICKNESS	BURST PSI
90-050 x 10	0.500" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>429</b>
90-075 X 10	0.750" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>403</b>
90-100 X 10	1.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>330</b>
90-112 x 10	1.120" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>304</b>
90-125 X 10	1.250" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>277</b>
90-138 X 10	1.380" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>277</b>
90-150 X 10	1.500" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>255</b>
90-175 X 10	1.750" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>255</b>
90-200 X 10	2.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>220</b>
90-225 X 10	2.250" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>200</b>

PART NUMBER		WALL THICKNESS	BURST PSI
90-250 X 10	2.500" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>160</b>
90-275 X 10	2.750" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>134</b>
90-300 X 10	3.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>95</b>
90-325 x 10	3.250" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>92</b>
90-350 X 10	3.500" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>83</b>
90-400 X 10	4.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>68</b>
90-450 X 10	4.500" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>68</b>
90-500 x 10	5.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>65</b>
90-600 x 10	6.000" ID 90 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	<b>62</b>



# HIGH PERFORMANCE 45 DEGREE SILICONE ELBOWS



## SPECIFICATIONS & CHARACTERISTICS:

- 5 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature (*Upon Request*)
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black
- 10" Long Legs From Center of the Bend
- Leg Lengths Are measured From The Centerline of the Hose



TEMPERATURE RANGE:  
**-65°F TO 350°F** CONTINUOUS

PART NUMBER		WALL THICKNESS	BURST PSI
45-050 x 10	0.500" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	429
45-075 X 10	0.750" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	403
45-100 X 10	1.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	330
45-112 x 10	1.120" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	304
45-125 X 10	1.250" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	277
45-138 X 10	1.380" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	277
45-150 X 10	1.500" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	255
45-175 X 10	1.750" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	255
45-200 X 10	2.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	220
45-225 X 10	2.250" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	200

PART NUMBER		WALL THICKNESS	BURST PSI
45-250 X 10	2.500" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	160
45-275 X 10	2.750" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	134
45-300 X 10	3.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	95
45-325 x 10	3.250" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	92
45-350 X 10	3.500" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	83
45-400 X 10	4.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	68
45-450 X 10	4.500" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	68
45-500 x 10	5.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	65
45-600 x 10	6.000" ID 45 Degree Formed Hose SAEJ20 Compliant   10" Legs   Gloss Blue	.18-.23	62

HIGH PERFORMANCE  
90 DEGREE  
SILICONE REDUCERS



 TEMPERATURE RANGE:  
**-65°F TO 350°F** CONTINUOUS

SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature (*Upon Request*)
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black
- Leg Lengths are Measured from the Centerline of Hose

PART NUMBER		WALL THICKNESS	BURST PSI
R90-200/225	2.00/2.25 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	175
R90-200/250	2.00/2.50 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	149
R90-225/250	2.25/2.50 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	149
R90-250/275	2.50/2.75 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	125
R90-250/300	2.50/3.00 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	87

PART NUMBER		WALL THICKNESS	BURST PSI
R90-300/350	3.00/3.50 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	75
R90-300/400	3.00/4.00 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	62
R90-350/400	3.50/4.00 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	62
R90-400/500	4.00/5.00 ID Reducing 90 Degree Elbow 6" Legs   Gloss Blue	.17-.22	62

# HIGH PERFORMANCE 45 DEGREE SILICONE REDUCERS



TEMPERATURE RANGE:  
**-65°F TO 350°F** CONTINUOUS

## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature (*Upon Request*)
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black
- Leg Lengths are Measured from the Centerline of Hose

PART NUMBER		WALL THICKNESS	BURST PSI
R45-200/225	2.00/2.25 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>175</b>
R45-200/250	2.00/2.50 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>149</b>
R45-225/250	2.25/2.50 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>149</b>
R45-250/275	2.50/2.75 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>125</b>

PART NUMBER		WALL THICKNESS	BURST PSI
R45-250/300	2.50/3.00 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>87</b>
R45-300/350	3.00/3.50 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>75</b>
R45-300/400	3.00/4.00 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>62</b>
R45-350/400	3.50/4.00 ID Reducing 45 Degree Elbow 6" Legs   Gloss Blue	.17-.22	<b>62</b>



# HIGH PERFORMANCE SILICONE REDUCERS



 **TEMPERATURE RANGE:**  
**-65°F TO 350°F CONTINUOUS**

## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Silicone with Polyester Fabric Reinforcement
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Available (*Upon Request*) with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Available with Helical Wire Reinforcement for Vacuum Resistance
- Temperature Range: -65°F to 350°F Continuous
- Colors: Blue or Black

PART NUMBER		WALL THICKNESS	BURST PSI
R40-125/150	1.250" / 1.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>249</b>
R40-125/175	1.250" / 1.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>217</b>
R40-150/175	1.500" / 1.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>217</b>
R40-150/200	1.500" / 2.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>198</b>
R40-175/200	1.750" / 2.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>198</b>
R40-175/225	1.750" / 2.250" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>182</b>
R40-175/300	1.750" / 3.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-200/225	2.000" / 2.250" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>182</b>
R40-200/238	2.000" / 2.380" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>177</b>
R40-200/250	2.000" / 2.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>149</b>
R40-200/275	2.000" / 2.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>125</b>
R40-200/300	2.000" / 3.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-200/325	2.000" / 3.250" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>75</b>
R40-225/250	2.250" / 2.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>169</b>
R40-225/275	2.250" / 2.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>125</b>
R40-225/300	2.250" / 3.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-250/275	2.500" / 2.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>125</b>

PART NUMBER		WALL THICKNESS	BURST PSI
R40-250/325	2.500" / 3.250" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-250/350	2.500" / 3.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>75</b>
R40-275/300	2.750" / 3.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-275/350	2.750" / 3.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>75</b>
R40-300/325	3.000" / 3.250" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>87</b>
R40-300/350	3.000" / 3.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>75</b>
R40-300/362	3.000" / 3.620" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>75</b>
R40-300/382	3.000" / 3.820" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-300/400	3.000" / 4.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-325/400	3.250" / 4.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-350/375	3.500" / 3.750" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>72</b>
R40-350/400	3.500" / 4.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-350/500	3.500" / 5.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-400/450	4.000" / 4.500" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-400/600	4.000" / 6.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>
R40-500/600	5.000" / 6.000" ID X 3" Long 4 Ply Silicone Reducer Gloss Blue	.17- .22	<b>62</b>

# HIGH PERFORMANCE SILICONE HUMP HOSE



## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Polyester Reinforced by 3" Long standard
- Wall .17 to .22
- Temp Range: -65F to +350F
- Meets or Exceeds SAE-J20 R1 Class A Specs
- Colors available: Blue or Black
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- High Temp Aramid/Nomex Available (*Upon Request*)
- Additional Lengths Made to Order Upon Request



TEMPERATURE RANGE:  
**-65°F TO +350°F** CONTINUOUS

PART NUMBER		WALL THICKNESS	BURST PSI
H40-175	1.750" ID x 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>225</b>
H40-200	2.000" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>187</b>
H40-225	2.250" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>175</b>
H40-250	2.500" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>149</b>

PART NUMBER		WALL THICKNESS	BURST PSI
H40-275	2.750" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>125</b>
H40-300	3.000" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>87</b>
H40-350	3.500" ID X 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>75</b>
H40-400	4.00" ID x 4 Ply Hump Hose 3" Long Gloss Blue	.17- .22	<b>62</b>



# HIGH PERFORMANCE SILICONE CHARGE AIR CONNECTOR HOSE



TEMPERATURE RANGE:  
-65°F TO +500°F (ARAMID)  
-65°F TO +350°F (POLYESTER)

## COLD SIDE POLYESTER REINFORCED (BLUE):

PART NUMBER		WALL THICKNESS
CAC40P-300 x 6	3" ID x 6" Long	.16
CAC40P-350 x 6	3.5" ID x 6" Long	.16
CAC40P-400 x 6	4" ID x 6" Long	.16
CAC40P-400 x 8	4" ID x 8" Long	.16
CAC40P-450 x 6	4.5" ID x 6" Long	.16

## SPECIFICATIONS & CHARACTERISTICS:

- 4 Ply Silicone Charge Air Cool Hose
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Available with Meta-Aramid Fabric Reinforcement for Extreme High-Temperature (*Iron Oxide*)
- Available with Polyester Fabric Reinforced (*Blue*)
- Available with Fluorosilicone or Fluorocarbon Liner (*Petroleum & Chemical Applications*)
- Temperature Range:
  - -65°F to +500°F (*Aramid*)
  - -65°F to +350°F (*Polyester*)

## HOT SIDE NOMEX REINFORCED (IRON OXIDE):

PART NUMBER		WALL THICKNESS
CAC40-300 x 6	3" ID x 6" Long	.16
CAC40-350 x 6	3.5" ID x 6" Long	.16
CAC40-400 x 6	4" ID x 6" Long	.16
CAC40-400 x 8	4" ID x 8" Long	.16
CAC40-450 x 6	4.5" ID x 6" Long	.16
CAC40-450 x 8	4.5" ID x 8" Long	.16

# HIGH PERFORMANCE SILICONE HEATER HOSE



TEMPERATURE RANGE:  
-65°F TO +350°F CONTINUOUS

## SPECIFICATIONS & CHARACTERISTICS:

- Single Ply Braided Reinforced
- Ozone and Oil Splash Resistant
- Temp Range: -65°F to +350°F
- Custom Kevlar Available Upon Request -65°F to +500°F, Increased PSI
- Colors: Available in Blue and Black
- SAE-J20 R3
- Product sold in 25,50 and 250ft Rolls
- Polyurethane Spools Upon Request For a Fee

PART NUMBER		WALL THICKNESS	BURST PSI
HH-018	0.180" ID 0.460 OD 0.140 Wall   Blue Color	Varies	249
HH-025	0.250" ID, 0.530 OD 0.140 Wall   Blue Color	Varies	249
HH-031	0.310" ID, 0.6325 OD 0.160 Wall   Blue Color	Varies	249
HH-038	0.380" ID, 0.690 OD 0.160 Wall   Blue Color	Varies	249
HH-050	0.500" ID, 0.820 OD 0.160 Wall   Blue Color	Varies	249
HH-062	0.625" ID, 0.940 OD 0.160 Wall   Blue Color	Varies	249

PART NUMBER		WALL THICKNESS	BURST PSI
HH-075	0.750" ID, 1.07 OD 0.160 Wall   Blue Color	Varies	200
HH-088	0.875" ID, 1.195 OD 0.160 Wall   Blue Color	Varies	175
HH-100	1" ID, 1.34 OD 0.170 Wall   Blue Color	Varies	175
HH-112	1.12" ID, 1.52 OD 0.20 Wall   Blue Color	Varies	175
HH-125	1.12" ID, 1.52 OD 0.20 Wall   Blue Color	Varies	125

# HIGH PERFORMANCE SILICONE VACUUM HOSE (UNREINFORCED)



TEMPERATURE RANGE:  
**-65°F TO +350°F** CONTINUOUS

## SPECIFICATIONS & CHARACTERISTICS:

- Non Reinforced Tubing
- Ozone & Oil Splash Resistant
- Suitable For Heavy Duty Applications
- Meets and Exceeds All Performance and Physical Requirements of:
  - SAE J20 RI the spec is R3
  - RP 303B Class 1
  - Mil-Spec A-A-52426
  - OEM Heavy-Duty Vehicle Requirements
- Temperature Range: -65°F to +350°F Continuous
- Colors: Red, Blue, and Black

PART NUMBER	NAME	INSIDE DIAMETER	NOMINAL WALL THICKNESS	VACUUM RATING
V-012	Silicone Vacuum Tubing	1/8	<b>0.100"</b>	Full Vacuum
V-014	Silicone Vacuum Tubing	3/5	<b>0.100"</b>	Full Vacuum
V-016	Silicone Vacuum Tubing	5/32	<b>0.100"</b>	Full Vacuum
V-018	Silicone Vacuum Tubing	3/16	<b>0.100"</b>	Full Vacuum
V-025	Silicone Vacuum Tubing	1/4	<b>0.100"</b>	Full Vacuum
V-031	Silicone Vacuum Tubing	5/16	<b>0.110"</b>	Full Vacuum
V-038	Silicone Vacuum Tubing	3/8	<b>0.125"</b>	Full Vacuum
V-050	Silicone Vacuum Tubing	1/2	<b>0.125"</b>	Full Vacuum
V-062	Silicone Tubing	5/8	<b>0.125"</b>	Not Vacuum Rated
V-075	Silicone Tubing	3/4	<b>0.125"</b>	Not Vacuum Rated

# PURE FLEX PLATINUM

NSF



TEMPERATURE RANGE:  
**-65°F TO +350°F** CONTINUOUS

## PLATINUM CURED FOR THE HIGHEST DEGREE OF PURITY

MATERIAL IN ITS RAW STATE MEETS FDA REQUIRED FDA 21 CFR 177.2600 AND IS NSF 51 COMPLIANT

- Tasteless and odorless
- Polyester braided mesh reinforcement.
- Temperature range of -65°F to + 350°F
- Translucent and colorless silicone
- Able to withstand autoclave and repeated sterilization
- Resists U.V, gases ozone and extreme temperatures
- Manufactured in a controlled environment
- No Latex, BPA and phthalates

PART NUMBER	ID	WALL	WORKING PSI	BURST PSI
PFP-025	<b>0.250</b>	<b>0.17</b>	<b>160</b>	<b>480</b>
PFP-031	<b>0.312</b>	<b>0.17</b>	<b>135</b>	<b>405</b>
PFP-038	<b>0.380</b>	<b>0.17</b>	<b>136</b>	<b>390</b>
PFP-050	<b>0.500</b>	<b>0.17</b>	<b>108</b>	<b>326</b>
PFP-062	<b>0.625</b>	<b>0.17</b>	<b>97</b>	<b>291</b>
PFP-075	<b>0.750</b>	<b>0.17</b>	<b>87</b>	<b>266</b>
PFP-100	<b>1.000</b>	<b>0.17</b>	<b>63</b>	<b>188</b>

MATERIAL PHYSICAL PROPERTIES	VALUE
Hardness, Shore A ±5 - Liner	<b>70</b>
Hardness, Shore A ±5 - Cover	<b>65</b>
Tensile Strength, psi	<b>1285</b>
Elongation at Break, %	<b>315</b>
Tear Strength, Die B, ppi	<b>95</b>
Modulus at 100 %, psi	<b>385</b>
Brittle Temoerature, °F	<b>-65</b>



# WIRE REINFORCED PURE FLEX PLATINUM



## SPECIFICATIONS & CHARACTERISTICS:

- Material: usp class vi platinum silicone
- Brand: momentive performance materials
- Grade: 70 shore a platinum
- Color: translucent
- Material thickness
  - Liner: 0.040"
  - Layer1-4: 0.030"
  - Cover: 0.040"
- Construction: spiral wrapped
- Wire pitch: 3/8"

PART NUMBER	ID	WALL THICKNESS	WALL TOLERANCE	OD	OD TOLERANCE	VACUUM	WORKING PRESSURE	MIN BURST PRESSURE	MIN BEND RADIUS	316 SS WIRE THICKNESS
FPW-050-HP	0.50"	0.205"	± 0.020"	0.910"	± 0.040"	Full	200 PSI	800.00 PSI	2.50"	0.042"
FPW-075-HP	0.75"	0.205"	± 0.020"	1.160"	± 0.040"	Full	200 PSI	800.00 PSI	3.50"	0.042"
FPW-100-HP	1.00"	0.205"	± 0.020"	1.410"	± 0.040"	Full	200 PSI	800.00 PSI	5.00"	0.042"
FPW-150-HP	1.50"	0.205"	± 0.020"	1.910"	± 0.040"	Full	200 PSI	800.00 PSI	8.00"	0.051"
FPW-200-HP	2.00"	0.205"	± 0.020"	2.410"	± 0.040"	Full	175 PSI	700.00 PSI	11.00"	0.051"
FPW-250-HP	2.50"	0.205"	± 0.020"	2.910"	± 0.040"	Full	175 PSI	700.00 PSI	13.00"	0.051"
FPW-300-HP	3.00"	0.205"	± 0.020"	3.440"	± 0.040"	Full	175 PSI	500.00 PSI	17.00"	0.062"

# NON-WIRE REINFORCED PURE FLEX PLATINUM



## SPECIFICATIONS & CHARACTERISTICS:

- Material: usp class vi platinum silicone
- Brand: momentive performance materials
- Grade: 70 shore a platinum
- Color: translucent
- Material thickness
  - Liner: 0.040"
  - Layer1-4: 0.030"
  - Cover: 0.040"
- Construction: spiral wrapped

PART NUMBER	ID	WALL THICKNESS	WALL TOLERANCE	OD	OD TOLERANCE	WORKING PRESSURE	MIN BURST PRESSURE	MIN BEND RADIUS	316 SS WIRE THICKNESS
FPD-050-HP	0.50"	0.205"	± 0.020"	0.910"	± 0.040"	140.00 PSI	560.00 PSI	8.00"	0.042"
FPD-075-HP	0.75"	0.205"	± 0.020"	1.160"	± 0.040"	125.00 PSI	500.00 PSI	10.00"	0.042"
FPD-100-HP	1.00"	0.205"	± 0.020"	1.410"	± 0.040"	110.00 PSI	440.00 PSI	12.00"	0.042"
FPD-150-HP	1.50"	0.205"	± 0.020"	1.910"	± 0.040"	100.00 PSI	400.00 PSI	NA	0.051"
FPD-200-HP	2.00"	0.205"	± 0.020"	2.410"	± 0.040"	100.00 PSI	400.00 PSI	NA	0.051"
FPD-250-HP	2.50"	0.205"	± 0.020"	2.910"	± 0.040"	75.00 PSI	300.00 PSI	NA	0.051"
FPD-300-HP	3.00"	0.205"	± 0.020"	3.410"	± 0.040"	50.00 PSI	200.00 PSI	NA	0.062"

# WET EXHAUST MARINE HOSE

## SAE-J 2006 SPECIFICATIONS

- Flex Technologies manufactures American made Marine Grade hose.
- Offering single and double hump Bellows from 1" to 20" ID
- Straight stick hose up to 48 inches long
- Wire reinforced convoluted flex hose up to from 36 to 144" inches long
- All Elbow sizes from 1/2" ID to 6" ID
- Reducers from 1.25" ID up to 6" ID
- All Hoses can be made in super high temp Aramid/Nomex
- Fully customized products available upon request.





# HIGH PERFORMANCE T BOLT CLAMPS

## SPECIFICATIONS & CHARACTERISTICS:

- One-Piece Stainless Steel Trunnion
- 100% Stainless Steel T Bolt with Nickel Plated Bolt
- Superior Welded Construction
- Meets or Exceeds SAE Spec. J1508 for T-Bolt Clamps



PART NUMBER	EFFECTIVE DIAMETER RANGE				FITS PART NUMBER	HOSE I.D.	HOSE O.D.
	MINIMUM INCH   MM		MAXIMUM INCH   MM				
TB-125	1.25	32	1.46	37	C40-100	1.00	1.40
TB-138	1.38	35	1.57	40	C40-112	1.12	1.52
TB-150	1.50	38	1.69	43	C40-125	1.25	1.65
TB-163	1.63	41	1.88	48	C40-131	1.31	1.71
TB-163	1.63	41	1.88	48	C40-138	1.38	1.78
TB-175	1.75	44	2.01	51	C40-150	1.50	1.90
TB-188	1.88	48	2.19	56	C40-162	1.62	2.02
TB-200	2.00	51	2.32	59	C40-175	1.75	2.15
TB-225	2.25	57	2.56	65	C40-200	1.87	2.27
TB-238	2.38	60	2.68	68	C40-212	2.12	2.52
TB-250	2.50	64	2.81	71	C40-225	2.25	2.65
TB-263	2.63	67	2.94	75	C40-231	2.31	2.71
TB-275	2.75	70	3.07	78	C40-238	2.50	2.90
TB-287	2.87	73	3.19	81	C40-262	2.62	3.02
TB-300	3.00	76	3.31	84	C40-275	2.75	3.15
TB-312	3.12	79	3.43	87	C40-287	2.87	3.27
TB-325	3.25	83	3.56	90	C40-300	3.00	3.40
TB-338	3.38	86	3.7	94	C40-312	3.12	3.52
TB-350	3.50	89	3.81	97	C40-325	3.25	3.65
TB-362	3.62	92	3.94	100	C40-338	3.38	3.78
TB-375	3.75	95	4.06	103	C40-350	3.50	3.90
TB-400	4.00	102	4.33	110	C40-375	3.75	4.15
TB-425	4.25	108	4.57	116	C40-400	4.00	4.40
TB-475	4.75	121	5.06	129	C40-450	4.50	4.90
TB-525	5.25	133	5.56	141.224	C40-500	5.00	5.40
TB-575	5.75	146.05	6.06	153.924	C40-550	5.5	5.9
TB-625	6.25	158.75	6.57	166.878	C40-600	6	6.4

# CUSTOM SILICONE HOSE MANUFACTURING

THE CORNERSTONE OF OUR BUSINESS

Flex Technologies offers small and larger OEM volume production runs. We provide highly specialized manufacturing capabilities as an ISO 9001:2015 & IATF 16949 an an certified International manufacture. We have multiple locations around the world & Home Headquartered out of Gardena, CA

In addition to employee expertise and state-of-the-art equipment, Flex Technologies brings innovation to the manufacturing process. We have adopted proven lean manufacturing principles to meet the unique demands of our custom manufacturing environment. As we implement new and better lean processes, we pledge to extend those benefits to our customers.

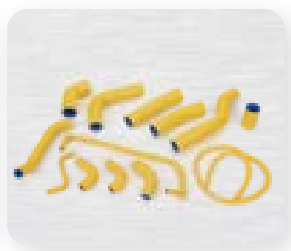
From single-piece details to complex multi-piece assemblies, Flex Technologies has the knowledge and experience to meet and exceed our customers' demanding expectations.

Our employees take great pride in making sure that every part that leaves our dock is produced to our client's requirements. PPAP's, FSA's and COC's are all available upon request.

Our multi-step inspection program, in place throughout the production process, ensures that we meet every requirement expressed in your plans.

For more details on our specific capabilities and equipment, please contact the Flex Technologies Engineering Department.

We will be happy to assist you with any questions you may have.



**Developing innovative products and providing high-value engineering and manufacturing services to our customer base is a goal we take very seriously.**



Flex Technologies accomplishes this goal by following these core values:



**INTEGRITY  
POSITIVE ATTITUDES  
TEAMWORK**

**INNOVATION  
LEADERSHIP  
ORGANIZATIONAL TRAINING**



# CHEMICAL RESISTANCE GUIDE

## FOR SILICONE HOSE

GOOD RESISTANCE = A

FAIR RESISTANCE = B

POOR RESISTANCE = C

UNSUITABLE = X

Acetic acid, dilute, 10 %	B
Acetic acid glacial	C
Acetic acid anhydride	I
Acetone	X
Acetylene	C
Air 68°F (20°C)	A
Air 150°F (65°C)	A
Aluminum Chloride 150°F (65°C)	A
Aluminum Fluoride 150°F (65°C)	B
Aluminum Sulfate 150°F (65°C)	A
Alums 150°F (65°C)	A
Ammonia Gas, Anhydrous	I
Ammonia 10%water solution	A
Ammonia 30%water solution	C
Ammonium chloride	C
Ammonium hydroxide	C
Ammonium nitrate	A
Ammonium phosphate monobasic	A
Ammonium phosphate dibasic	A
Ammonium phosphate tribasic	A
Ammonium sulfate	A
Amyl acetate	X
Amyl alcohol	X
Aniline, Aniline oil	X
Aniline, dyes	X
Asphalt	I
Barium Chloride 150°F (65°C)	A
Barium hydroxide 150°F (65°C)	A
Barium sulfide 150°F (65°C)	A
Beer	A
Beet sugar liquors	A
Benzene, Benzol	X
Benzine, petroleum ether	X
Benzine, petroleum naphtha	X
Black sulfate liquor	A
Blast furnace gas	A
Borax	B
Boric acid	A
Bromine	X
Butane	X
Butyl acetate	X
Butyl alcohol, Butanol	C
Calcium bisulfate	C
Formaldehyde	B
Formic Acid	C
Fuel Oil	X
Furfural	X
Gasoline, unleaded	X
Gasoline + MTBE	X
Gasoline Hi Test + MTBE	X
Gelatin	A
Glucose	A
Glue	A
Glycerine, glycerol	A
Green Sulfate liquor	A
HFC- 134	I
Hydraulic fluids: Petroleum	C
Hydraulic fluids: Phosphate ester alkyl	X
Hydraulic fluids: Phosphate ester aryl	X
Hydraulic fluids: Phosphate ester blends	X
Hydraulic fluids: Silicate ester	X
Hydraulic fluids: Water glycol	A
Hydrobromic Acid	X
Hydrochloric acid	X
Hydrocyanic acid	B
Hydrofluoric acid	X
Hydrofluosilicic acid	I
Hydrogen gas 140°F (60°C)	C
Hydrogen peroxide	A
Hydrogen sulfide, dry	X
Hydrogen sulfide, wet	X

Isobutyl alcohol	A
Isopropyl alcohol	A
Isooctane	X
Kerosene	X
Lacquers	X
Lacquers solvents	X
Lactic acid	A
Linseed oil	A
Lubricating oil, crude	C
Lubricating oil, refined	C
Magnesium chloride 150°F (65°C)	A
Magnesium hydroxide 150°F (65°C)	B
Magnesium sulfate 150°F (65°C)	A
Mercuric Chloride	A
Mercury	A
Methyl alcohol, methanol	A
Calcium chloride	A
Calcium hydroxide	A
Calcium hypochlorite	C
Caliche liquors	B
Cane sugar liquors	A
Carbolic acid, phenol	X
Carbon dioxide, dry-wet	A
Carbon disulfide	X
Carbon monoxide 140°F (60°C)	A
Carbon tetrachloride	X
Castor Oil	A
Cellosolve acetate	X
CFC-12	I
China wood oil, tung oil	X
Chlorine, dry/wet	X
Chlorinated solvents	X
Chloroacetic acid	I
Chlorosulfonic acid	X
Chromic acid	C
Citric acid	A
Coke Oven Gas	B
Copper chloride 150°F (65°C)	A
Copper sulfate 150°F (65°C)	A
Cottonseed oil	A
Creosote, coal tar	C
Creosote, coal tar wood	X
Cresols, cresylic acid	I
Dichlorobenzene	X
Dichloroethylene	X
Diesel fuel	X
Diethanolamine 20%	X
Diethylamine	B
Diisopropylamine	I
Diocetylphthalate	X
Ethers	X
Ethyl acetate	B
Ethyl alcohol	A
Ethyl cellulose	C
Ethyl chloride	C
Ethyl glycol	A
Ferric chloride 150°F (65°C)	A
Ferric sulfate 150°F (65°C)	B
Methyl ethyl ketone	X
Methyl isopropyl ketone	C
Milk	A
MTBE	I
Mineral oils	A
Natural gas	C
Nickel chloride 150°F (65°C)	A
Nickel sulfate 150°F (65°C)	A
Nitric acid, crude X	B
Nitric acid, diluted 10%	C
Nitric acid, concentrated 70%	X

Nitrobenzene	C
Oleic acid	X
Oleum	I
Oxalic acid	B
Oxygen	X
Palmitic acid	X
Perchloroethylene	C
Petroleum oils and crude 200°F (95°C)	X
Phosphoric acid, crude	C
Phosphoric acid, pure 45%	C
Picric acid, molten	X
Picric acid, water solution	I
Potassium chlorite	A
Potassium cyanide	A
Potassium hydroxide	C
Potassium sulfate	A
Sewage	B
Soap solution	A
Soda ash, sodium carbonate	A
Sodium bicarbonate, baking soda	A
Sodium bisulfate	A
Sodium chloride	A
Sodium cyanide	A
Sodium hydroxide to 50% at 140°	A
Sodium hypochlorite	B
Sodium metaphosphate	A
Sodium nitrate	X
Sodium perborate	B
Sodium peroxide	C
Sodium phosphate, monobasic	X
Sodium phosphate, dibasic	X
Sodium phosphate, tribasic	X
Sodium silicate	A
Sodium sulfate	A
Sodium sulfide	A
Sodium thiosulfate, hypo	I
Soybean oil	A
Stannic chloride	B
Steam 450°F (230°C)	I
Sulfur	B
Sulfur chloride	C
Sulfur dioxide, dry	B
Sulfur trioxide, dry	B
Sulfuric acid, 10%	X
Sulfuric acid, 11% - 75%	X
Sulfuric acid, 76% - 95%	X
Sulfuric acid, fuming	X
Sulfurous acid	X
Tannic acid	B
Tar	B
Tartaric acid	A
Toluene, Toluol	X
Trichloroethylene	X
Turpentine	X
Urea, water solution	A
Vinegar	A
Vinyl acetate	X
Water, acid mine	A
Water, fresh	A
Water, distilled	A
Whisky and wines	A
Xylene, xylol	X
Zinc chloride	A
Zinc sulfate	A

## WHAT IS AN ISO 9001:2015 CERTIFICATION?

ISO 9000 certification is given by the International Organization for Standardization, based on the implementation of specific quality procedures and processes, and is maintained by a demonstrated commitment to quality improvement.

At the core of ISO 9000 are the principles of customer focus, leadership within the industry, and the involvement of employees and management in developing and continuously improving a process approach to rectifying issues.



## BUSINESS TERMS & CONDITIONS

### NEW ACCOUNT FORM

An account may be created with the completion of the New Account Form. Net 30 terms will be assigned as a standard to all new accounts.

### LEAD TIMES & SHIPMENT

Lead times can be negotiated between the client and the assigned service account representative. Orders will default to UPS ground if not specified by the client. Shipments may be made freight collect with customer supplied account details.

### CUSTOMER SERVICE STANDARDS

Our policy is to enter all PO's within 48 hours of receiving the PO. If our clients have special requests or timeframe requirements we suggest calling into our office to communicate with sales or customer service directly. Our mission is to communicate with our clients by phone as much as possible and to be followed up with a written email communication summary for record keeping.

### PRICING & MINIMUM ORDER AMOUNT

Pricing will be provided in a Customer Price List. There is a minimum order of \$100.00 per order.

### ORDER CANCELLATION

Cancellations will be accepted on standard products if the product has not been shipped prior to the cancellation. Private labels and Custom special orders are not accepted.

### RETURNS

Return orders require a valid Flex Technologies provided RMA number. Any packages that do not clearly show this number will be returned at the customer's expense. Prior authorization is required before any goods may be returned. Returns on private label goods will not be accepted, except in very rare and unusual circumstances. An RMA number may be obtained from customer service. Any returns accepted are subject to a 25% restocking fee or \$25.00, whichever is greater.

### QUOTES

All RFQ's (request for quote) will be returned to the customer within 3-5 business days. Please note, "Rush Quote" upon submission for a faster turnaround time. We prefer any design work by email in the following file formats:



### PRIVATE LABELING

There is a non-recurring setup charge of approximately \$350.00 for private label orders, and a minimum order amount of \$1000.00.





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