

Premium hose FC619



Suction

FC619

Premium
suction hose

Exceeds: SAE 100R4 | EN 45545

	FC619-12	19.0 mm (0.75 in) DN19	Exceeds SAE 100R4 • ABS MSHA IC-84/19 • EN 45545	21 BAR (305 PSI)	-40°C to +135°C -40°F to +275°F	1/3 BEND	4S • 1A 1G
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Typical application:

Suction and transfer applications for petroleum hydraulic fluids, fuel, lubricating oils, gasoline, water and many other industrial fluids

Agency specifications:

ABS | MSHA

Hose construction:

Inner tube:
AQP
elastomer

Reinforcement:
Helical wire between two
textile reinforcement layers

Cover:
Dura-Tuff
premium abrasion

Operating temperature:

-40°C to +135°C (-40°F to +275°F)

Qualified fittings:

1A series (-12 to -32) | 4S series (-12)
1G series (-12 to -32)

PART	SIZE DIMENSIONS				PRESSURE				BEND		VACUUM		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum Service		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	kg/m	lbs/ft
FC619-12	19,0	0.75	30,0	1.18	21,0	305 †	84,0	1,220	40,0	1.57	94,8	28	0,65	0.44
FC619-16	25,4	1.00	37,1	1.46	17,0	245†	68,0	980	45,0	1.77	94,8	28	0,77	0.52
FC619-20	31,8	1.25	44,8	1.76	14,0	205 †	56,0	820	60,0	2.36	94,8	28	1,12	0.75
FC619-24	38,1	1.50	51,2	2.01	10,5	150 †	42,0	600	65,0	2.56	94,8	28	1,26	0.85
FC619-32	50,8	2.00	64,8	2.55	7,0	100 †	28,0	400	100,0	3.94	94,8	28	1,73	1.16
FC619-40	63,5	2.50	77,7	3.06	4,0	60 †	16,0	240	140,0	5.51	94,8	28	2,35	1.58
FC619-48	76,2	3.00	92,5	3.64	4,0	60 †	16,0	240	279,4	11.00	94,8	28	3,36	2.26

† Maximum working pressure for band clamp type fittings is 3,4 bar [50 psi].

Core

Premium

Standard

Braided

Spiral

High-Temp

Low-Temp

Abrasion

Suction