



FC619

Core premium suction
one wire braided hose

Exceeds: SAE 100R4 | EN 45545

	FC619-12	19.0 MM (0.75 IN) DN19	Dura-Tuff	Exceeds SAE 100R4 • ABS MSHA IC-84/19 • EN45545	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. Applicable also for high temperature liquids, up to 135°C.

Agency specifications: MSHA | EN45545 | ABS

Hose construction:	Inner Tube: AQP elastomer	Reinforcement: Helical wire between two textile reinforcement layers	Cover: Synthetic rubber
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Operating temperature: -40°C to +135°C (-40°F to +275°F)

Qualified fittings: 1A (-12 -16 -20 -24 -32) | 1G (-12 -16 -20 -24 -32) | 4S (-12)

PART #	SIZE DIMENSIONS					PRESSURE				BEND		VACUUM		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum		Weight		
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft
FC619-12	19	19.0	0.75	30.0	1.18	21.0	305 †	84	1,220	40	1.57	94.8	28	0.65	0.44
FC619-16	25	25.4	1.00	37.1	1.46	17.0	245 †	68	980	45	1.77	94.8	28	0.77	0.52
FC619-20	31	31.8	1.25	44.8	1.76	14.0	205 †	56	820	60	2.36	94.8	28	1.12	0.75
FC619-24	38	38.1	1.50	51.2	2.01	10.5	150 †	42	600	65	2.56	94.8	28	1.26	0.85
FC619-32	51	50.8	2.00	64.8	2.55	7.0	100 †	28	400	100	3.94	94.8	28	1.73	1.16
FC619-40*	63	63.5	2.50	77.7	3.06	4.0	60	16	240	140	5.51	94.8	28	2.35	1.58
FC619-48*	76	76.2	3.00	92.5	3.64	4.0	60	16	240	279.4	11.00	94.8	28	3.36	2.26

*Only bulk hose

† Maximum working pressure for band clamp type fittings is 3.4 bar [50 psi]