

# Aeroquip by Danfoss FC619C hose



## FC619C Corrugated Suction Hose

The FC619C Corrugated Suction hose is a top-tier suction hose in the EDGE Series product line, engineered to extend hose life and simplify installation. Its primary characteristic is having the industry's tightest corrugated hose bend radius which, combined with a reduced force to bend, makes it exceptionally easy to handle and install in confined spaces. This hose is built to exceed SAE 100R4 standards and is resistant to high temperatures, harsh chemicals, and buckling, ensuring reliable, leak-free performance.

### Features:

- 1-to-1 bend radius
- 100R4 construction
- Temperature range of -40°C to +135°C (-40°F to +275°F)
- MSHA and ABS approved
- Qualified with 1A and 1G fittings
- Abrasion resistant cover
- EDGE Series product

### Benefits:

- Industry's tightest corrugated hose bend simplifies installation
- High-temperature rating and resistance to harsh chemicals
- Reduced force to bend for easier handling
- Collapse and buckling resistant for a longer lifespan
- Vacuum rated and exceeds SAE 100R4 standard
- Class 0 leakage per SAE J1176
- Competitive price point
- Supported by Danfoss engineering



### Markets & Applications:

Suction & transfer applications for:

- Petroleum
- Fuel
- Lubricating Oils
- Gasoline
- Water

# FC619C

Premium corrugated suction hose

Exceeds: SAE 100R4 | ISO 18752



Aeroquip by Danfoss | EDGE Series | FC619C-12 | 19.0 MM (0.75 IN) DN19 | DuraTUFF+ | DuraFLX | Exceeds SAE 100R4 / ISO 18752 | 21 BAR (305 PSI) | -40°C to +135°C (-40°F to +275°F) | Ultra Bend | 1A 1G

PART #	SIZE DIMENSIONS				PRESSURE				BEND		VACUUM	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
FC619C-12	19.0	0.75	28.6	1.26	21	305	84	1220	19	0.75	94.8	28
FC619C-16	25.4	1.00	35.0	1.38	17	245	68	980	25.4	1.00	94.8	28
FC619C-20	31.8	1.25	41.6	1.63	14	205	56	820	31.8	1.25	94.8	28
FC619C-24	38.1	1.50	49.2	1.94	10.5	150	42	600	38.1	1.25	94.8	28
FC619C-32	50.8	2.00	61.2	2.41	7	100	28	400	50.8	2.00	94.8	28
FC619C-40	63.5	2.50	76.0	3.00	4	60	16	240	63.5	2.50	94.8	28
FC619C-48	76.2	3.00	88.6	3.49	4	60	16	240	76.2	3.00	94.8	28

**Hose construction:** Inner tube: Nitrile | Reinforcement: Helical wire between two textile reinforcement layers | Cover: DuraTUFF+ premium abrasion

**Operating temperature:** -40°C to +135°C (-40°F to +275°F)

**Qualified fittings:** 1A series | 1G series

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