



AEROQUIP INNOVATIONS

FC727 Nylon-Tubed Polyon™ Thermoplastic Hose

New Aeroquip FC727 hose is the latest addition to the Eaton family of Polyon thermoplastic hose products.

Aeroquip FC727 hose features a DuPont nylon 6,6 inner tube, which makes the hose resistant to a wide variety of hydraulic fluids and industrial chemicals, and a black perforated urethane cover.

The lowest-priced hose among Aeroquip Polyon thermoplastic styles, FC727 hose meets SAE 100R7 performance requirements and answers distributor requests for a nylon-tubed, thermoplastic hose.

The new Polyon hose is available in sizes -3, -4, -5, -6, and -8. Sizes -3, -4, and -5 are boxed in 500-foot quantities, and sizes -6 and -8 are boxed in 250-foot quantities. Each box will contain no more than two lengths.

Applications

- Car washes for hot water and soap lines
- General industrial/plants where acids and new bio-fluids, such as Polyol Ester, are used

Features

- Offered with global skive fittings (1SA or 1SB socket) in -3, -4, -6, and -8 sizes
- Offered with 5800 Series swage fittings in -3, -4, -5, and -8 sizes
- Designed and tested to meet SAE 100R7 performance requirements
- Available in long-length patterns

Benefits

- Utilizes the same tooling and crimp diameters as Aeroquip FC372 and FC373 Polyon thermoplastic hose styles
- Offers resistance to hydraulic fluids and industrial chemicals
- Generates less hose scrap due to availability of long lengths
- Priced competitively



Aeroquip FC727

 Aeroquip®

Specifications



FC727 NYLON-TUBED POLYON™ THERMOPLASTIC HOSE

Part Number	Hose I.D. INCHES	Hose O.D. INCHES	Maximum Operating Pressure PSI	Minimum Burst Pressure PSI	Minimum Bend Radius INCHES	Average Weight POUNDS
#						
FC727-03	0.19	0.45	3,000	12,000	0.75	0.05
FC727-04	0.25	0.54	2,750	11,000	1.25	0.06
FC727-05	0.31	0.62	2,500	10,000	1.75	0.08
FC727-06	0.38	0.73	2,250	9,000	2.00	0.10
FC727-08	0.50	0.89	2,000	8,000	3.00	0.16

Hose
FC727

Construction Materials
Tube—DuPont™ nylon 6,6
Cover—perforated urethane

Reinforcement
Nylon textile

Fittings
Sizes: -3, -4, -6 and -8 global skive crimp
-3, -4, -5 and -8 swage

! WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Use only the fittings suggested by Eaton for this hose product. Mixing fittings and hose made by different manufacturers can lead to an unstable connection due to differences in manufacturing techniques and tolerances. Such connections can fail and have the potential to spray and cause personal injury and property damage.

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