Eaton's Aeroquip® FC254 Hose

The Aeroquip® FC254 is better in every way that matters.

Eaton's Aeroquip FC254 hose with global spiral TTC fittings offers strength and versatility for your toughest applications. With it's one-piece Aeroquip Global Spiral TTC crimp fittings, hose assemblies are easy to build since skiving the hose is not required.

The substantial innovations to Eaton's Aeroquip® FC254, 4-heavy wire, spiral hose, has become part of the Aeroquip Triple Crown Advantage program. This program offers select hose products with three key advantages: higher temperatures, higher pressures and better abrasion resistance. The advances in the FC254 hose hits every point of the Triple Crown Advantage.

Employing new hose manufacturing technologies and advanced engineering, Eaton is pushing the statistical envelope with these specific hose products. Specifically, the FC254 has increased pressure ratings (exceeding industry standards), higher temperature ratings (one of the highest in the industry) and better abrasion resistance with the addition of Eaton Aeroquip's DURA-TUFF™ cover. All together, this adds up to a hose product with versatility to handle any number of your application needs.

Our customers work in some of the most demanding industries, such as construction, refuse, agriculture, mining, and oil and gas. Their applications challenge the strength and durability of even the toughest components. The FC254 hose proves not only that it rises to the challenge, but raises the bar altogether.

Features

- 4-Wire Heavy Spiral Construction
- Exceeds EN856 requirements and meets 4SH performance
- Exceeds SAE 100R11 requirements
- Qualified fitting: Global Spiral TTC & ISC
- DURA-TUFF™ cover

Benefits

- Higher pressures and temperatures can extend the life of a hydraulic hose in a typical application.
- Offer an alternative hose product to meet market needs.
- Meet the requirements of higher pressure hydraulic systems being introduced in the market.

EATON

Powering Business Worldwide

Aeroquip® FC254
4-heavy spiral wire hose

Exceeds SAE 100R11, EN856

Part Number	Hose I.D. mm	Hose I.D. in	Hose O.D. mm	Hose O.D. in	Maximum Operating Pressure bar	Maximum Operating Pressure psi	Minimum Burst Pressure bar	Minimum Burst Pressure psi	Minimum Bend Radius mm	Minimum Bend Radius in	Weight of Hose Kg/m	Weight of Hose lbs/ft
FC254-08*	12,7	0.50	24,9	0.98	531,0	7700	2124,0	30800	203,2	8.00	0,70	0.47
FC254-12	19,1	0.75	32,0	1.26	496,0	7200	1986,0	28800	279,4	11.00	0,88	0.59
FC254-16	25,4	1.00	38,6	1.52	407,0	5900	1627,0	23600	304,8	12.00	1,03	0.69
FC254-20	31,8	1.25	45,7	1.110	352,0	5100	1407,0	20400	419,1	16.50	1,37	0.92
FC254-24	38,1	1.50	54,1	2.13	300,0	4350	2000,0	17400	508,0	20.00	1,82	1.22
FC254-32	50,8	2.00	68,1	2.68	276,0	4000	1100,0	16000	635,0	25.00	2,44	1.64

Operating Temperature Range

–40°C to +127°C
(–40°F to +260°F)

Application

Hydraulic system service with petroleum and water-base fluids, for general industrial use.

Construction

Synthetic rubber tube, 4-heavy spiral wire reinforcement and DURA-TUFF™ rubber cover.

Qualified Fittings

Global Spiral TTC Fittings.
* Internal skive fitting

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