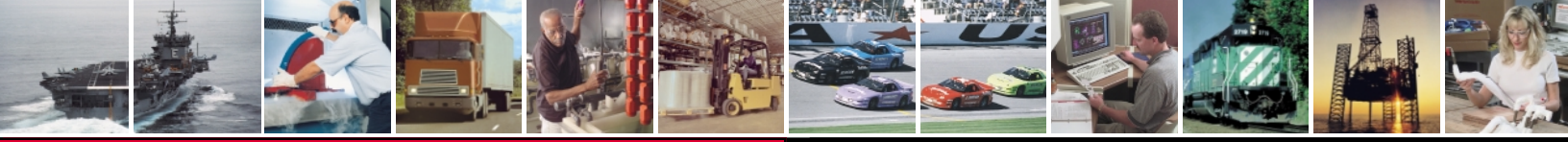

AEROQUIP INNOVATIONS

FC640 Hose

FLEXIBLE SAE 100R16 HOSE

Eaton Aeroquip is pleased to introduce FC640 wire braid hose. This SAE 100R16 hose is the latest addition to the expanding Aeroquip family of flexible hose products. The light, compact, flexible design makes FC640 hose the perfect product for difficult installations. Targeted for use in OEM agriculture, construction, and off-highway applications, FC640 hose is available in sizes -4 through -16.

Applications

- Hydraulic system service with petroleum and water-based fluids requiring premium performance and flexibility
- High pressure hydraulic oil lines

Features

- Increased flexibility
- Two-wire braid performance
- Lightweight
- Qualified with global skive fittings in all sizes and Global TTC™ fittings in -4 to -12
- Temperature range of -40° F to +212° F (-40° C to +100° C)

Benefits

- Lightweight, flexible hose is easy to install
- Increased flexibility allows more routing options

FC640

WIRE BRAID HOSE
MEETS SAE 100R16 PERFORMANCE

Part Number	Hose I.D.	Hose O.D.	Minimum Bend Radius	Maximum Operating Pressure	Minimum Burst Pressure	Vacuum Service	Weight Per Foot
	INCHES	INCHES	INCHES	PSI	PSI	INCH/Hg	POUNDS
FC640-04**	0.25	.55	2.00	5,000	20,000		.22
FC640-06**	0.38	.68	2.50	4,000	16,000		.30
FC640-08**	0.50	.79	3.50	3,500	14,000		.33
FC640-10**	0.63	.93	4.00	2,750	11,000		.40
FC640-12**	0.75	1.08	4.75	2,250	9,000		.50
FC640-16**	1.00	1.36	6.00	2,000	8,000		.70

**Denotes Hi-Pac® braid

HOSE
FC640

Construction Materials
Tube–synthetic rubber
Cover–fire and ozone resistant synthetic rubber

Reinforcement
One or two layers of braided wire reinforcement

Fittings
Sizes -4 to -12: TTC (Through-The-Cover),
-4 to -16: global skive crimp

WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Only use the fittings suggested by Aeroquip for this hose product. Mixing fittings and hoses 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 or property damage.

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Specifications subject to change without notice

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