



Aeroquip

FC598-04

Hose - HOSE SOCKETLESS AQP BLK

Product Specifications

Agency Listings: Industry Specification	SAE 100R6
Burst Pressure (bar)	112
Burst Pressure (psi)	1600
Color	Black
Description	Textile braid
Family	Hose
General Application	Low pressure return lines in hydraulic systems.
Hose Base Number	FC598
Inside Diameter (in)	0.25
Inside Diameter (mm)	6.4
Min Bend Radius (in)	2.5
Min Bend Radius (mm)	63.5
Outside Diameter (in)	0.5
Outside Diameter (mm)	12.2
Reinforcement Material	textile braid reinforcement.
Vacuum (inHg)	28
Vacuum (kpa)	94.8
Weight (kg/m)	0.12
Weight (lb/ft)	0.08

Overview & Features

Exceeds SAE 100R6 Performance, AQP, Low Pressure Hydraulic Oil, Diesel

Features

- -40°C to 150°C (-40°F to 302°F)
- 28 Bar (400 psi), sizes 4, 6 and 8
- 24 Bar (250 psi) sizes 10 and 12
- FC498 offer a Blue AQP cover
- FC598 is a Black AQP
- Qualified with OTC Crimp Fittings
- Extremely Flexible, Kink Resistant

Where Used

 Machine building Platforms: • MRO Programs Applications: • Fuel, Low Pressure Oil, Drain Line	 Mining, metals and minerals Platforms: • Excavator • Highway Vocational Truck • Off-Highway Dump Truck • Wheel Loader Applications: • Fuel, Low Pressure Oil, Drain Line	 Mobile machinery and equipment Platforms: • 0-40 hp • Aerial Work Platforms (Scissor & Boom) • Application Equipment • Backhoe Loader • Balers • Combines • Crawler Dozer • Cultivation Equipment • Defoliating Equipment • Excavator • Irrigation Systems • Loaders • Row Crop Planters • Self-Propelled Forage Harvesters • Self-Propelled Sprayers • Self-Propelled Windrowers • Skid Steer Loader • Specialty Harvesting • Telehandler • Tractors - 2WD: • Trimming Equipment • Utility Vehicles • Wheeled Loader • Yarders Applications: • Fuel, Low Pressure Oil, Drain Line	 Vehicles Platforms: • Dump • Heavy Duty On-Highway • Medium Duty On-Highway • Public Transportation • Refuse Truck • Transit Mixer • Wrecker/Recovery Applications: • Fuel, Low Pressure Oil, Drain Line
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Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
★	General Purpose low pressure hydraulics, used in place of traditional Socketless hoses where higher pressures are needed (400 psi in lieu of 300 psi) and a crimp or permanently attached fitting is desired. (OEM /and End User)	☒	☐	☒
	Fabric braid reinforcement offers a lightweight solution for low pressure hydraulics (ALL)	☒	☒	☒

Tools & Collateral

Brochure

 [FC498](#)

Catalog

 [Aeroquip Master Catalog](#)