

Aeroquip

FC839B-08

Other - HOSE OTH NITRILE BRUISER 3000 PSI 100R17 BRUISER



Product Specifications

Abrasion Resistance	Premium
Application	High abrasion industrial and hydraulic system applications with petroleum and water-based fluids
Burst Pressure	12200 psi
Certification(s)	SAE 100R17
Color	Black
Conductivity	Conductive
Construction	2-ply braid
Cover Material	BRUISER
Dash Size	-8
Description Product Name	Eaton Aeroquip FC839B Series Hose
Description Short	Hose
ECCN	EAR99
Impulse Cycle Life	200000 cycle
Inside Diameter	0.5 inch
Lay Line Style	Ink Transfer
Maximum Working Temperature	212 degree Fahrenheit
Minimum Bend Radius	3.54 inch
Minimum Working Temperature	-40 degree Fahrenheit
Outside Diameter	0.85 inch
Product Height	0.85
Product Height UOM	inch
Product Length	1
Product Length UOM	foot
Product Trade Name	FC839B Series
Product Weight	0.32
Product Weight UOM	pound
Product Width	0.85
Product Width UOM	inch
Qualified Hose Fittings	TTC
Reinforcement Material	Wire

Sub Brand	Aeroquip
Tube Material	Synthetic Rubber
Working Pressure	3050 psi

Overview & Features

Eaton's most popular constant pressure SAE 100R17 hoses. Available with a medium abrasion resistant DURA-TUFF cover (FC639) and a high abrasion resistant Bruiser cover (FC839B).

Features

- Meets or exceeds hose specifications and agency ratings SAE 100R17, ABS, MSHA
- DURA-TUFF™ PLUS abrasion resistance cover for better protection and product life (FC639 only)
- BRUISER maximum abrasion resistant cover for better protection and product life (FC839B only)
- Eaton's MatchMate™ program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly (FC639 only)

Where Used

Mining, metals and minerals Platforms: • Conveyors • Excavator • Mobile Crusher • Off-Highway Dump Truck • Stationary Crusher • Wheel Loader Applications: • Applications 210 Bar (3,000 PSI) and below	Mobile machinery and equipment Platforms: • Aerial Work Platforms (Scissor & Boom) • All hp • Application Equipment • Backhoe Loader • Balers • Combines • Compactor • Crane • Crawler Dozer • Cultivation Equipment • Defoliating Equipment • Delimers • Excavator • Feller Bunchers • Forwarders • Irrigation • Irrigation Systems • Lift Trucks • Loaders • Mowers • Paver • Row Crop Planters • Self-Propelled Forage Harvesters • Self-Propelled Sprayers • Self-Propelled Windrowers • Skid Steer Loader • Skidders • Specialty Equipment/Debris • Specialty Harvesting • Stump Grinders and Wood Chippers • Telehandler • Tractors - 2WD: • Tractors - 4WD: • Tree Harvesters • Trimming Equipment • Utility Vehicles • Wheeled Loader • Yards Applications: • Applications 210 Bar (3,000 PSI) and below	Oil and gas Platforms: • Drill Systems • Drilling Operations • Hoisting Systems Applications: • Applications 210 Bar (3,000 PSI) and below	Vehicles Platforms: • Dump • Refuse Truck • Transit Mixer • Wrecker/Recovery Applications: • Applications 210 Bar (3,000 PSI) and below
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Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
	Inventory simplification and reduced inventory carrying cost	☐	☒	☒
	Extremely diverse range of product applications where 210 Bar (3,000 PSI) is required	☐	☒	☒
	Same base part number has 210 Bar (3,000 PSI) pressure rating regardless of product size for simplified system design	☐	☒	☒
	Over 550 hose fitting part numbers available through qualified TTC fittings	☐	☒	☒
	Quick and easy assembly through MatchMate™ hose assembly process	☐	☒	☒
	Reduces the chance of matching and mating errors	☐	☒	☒
	Reduces training time to build a hose assembly	☐	☒	☒
	Reduces the time to produce a hose assembly through color coordinated identifiers on the hose, hose fittings and crimp tooling	☐	☒	☒

Tools & Collateral

Brochure

[Eaton Aeroquip FC639, SAE 100R17 Hydraulic Hose](#)

Catalog

[Eaton Aeroquip Hose Assembly Master Catalog - North America](#)