



Aeroquip

GH120-8

Hose - HOSE-SAE 100R16 AQ 软管-进口胶管AQ

* Representative Image

Product Specifications

Abrasion Resistance	Premium
Application	Low temperature flexing and hydraulic system service with petroleum and water-base fluids. For use in frigid environments on construction equipment and other mobile applications.
Burst Pressure	18000 psi
Certification(s)	SAE 100R16 EN857 2SC EN853 2SN SAE 100R19 SAE 100R2AT SAE 100R2A EN853 2ST
Color	Black
Compliances	MSHA Approved
Conductivity	Conductive
Construction	2-ply braid
Cover Material	Synthetic Rubber
Dash Size	-8
Description Product Name	Eaton Aeroquip GH120 Series Hose
Description Short	Hose
ECCN	EAR99
Impulse Cycle Life	400000 cycle
Inside Diameter	0.5 inch
Lay Line Style	Ink Transfer
Maximum Working Temperature	212 degree Fahrenheit
Minimum Bend Radius	3.5 inch
Minimum Working Temperature	-70 degree Fahrenheit
Outside Diameter	0.84 inch
Product Height	0.84
Product Height UOM	inch
Product Length	1
Product Length UOM	foot
Product Trade Name	GH120 Series
Product Weight	0.39
Product Weight UOM	pound
Product Width	0.84
Product Width UOM	inch

Qualified Hose Fittings	TTC, 1SA
Reinforcement Material	Wire
Sub Brand	Aeroquip
Tube Material	Weatherhead brand exclusive low temperature compound tube
Tube Wall Thickness	0.16 inch
Working Pressure	4500 psi

Overview & Features

Eaton's cold temperature two-wire braided hose that exceeded both SAE 100R16 and EN857 2SC pressures.

Features

- Temperature range of -57°C to 100°C (-70°F to 212°F)
- Meets or exceeds hose specifications and agency ratings: SAE 100R16 Type S, EN853 2SC, ISO 11237-1 Type 2SC, MSHA
- DURA-TUFF™ cover provides much higher abrasion resistance leading to longer hose life
- Eaton's MatchMate™ program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly

Where Used

 Mining, metals and minerals Platforms: • Conveyors • Excavator • Mobile Crusher • Off-Highway Dump Truck • Stationary Crusher • Wheel Loader Applications: • Applications with 100R1 pressure 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 • 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 with 100R1 pressure and below	 Oil and gas Platforms: • Drill Systems • Drilling Operations • Hoisting Systems Applications: • Applications with 100R1 pressure and below	 Vehicles Platforms: • Dump • Refuse Truck • Transit Mixer • Wrecker/Recovery Applications: • Applications with 100R1 pressure and below
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Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
	Triple Crown hoses are important because they have distinct competitive advantages over the competition on pressure, temperature and abrasion resistance	☒	☒	☒
	Increased hose assembly life and reduced machine maintenance cost	☒	☒	☒
	Higher hose pressure ratings than required in an application will increase the life of a hose assembly	☒	☒	☒
★	GH120 exceeds SAE 100R16 pressures by an average of +39%	☒	☒	☒
★	GH120 exceeds EN857 2SC pressures by an average +14%	☒	☒	☒
★	43% lower temperature rating of -57°C (-70°F) versus SAE 100R16 specification of -40°C (-40°F)	☒	☒	☒
★	3 year warranty on all Triple Crown hose assemblies	☒	☒	☒
	Inventory simplification and reduced inventory carrying cost	☐	☒	☒
	Extremely diverse range of applications requiring higher operating pressures and higher temperatures	☐	☒	☒
	Over 550 part numbers available with qualified TTC hose 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

Catalog

 [Eaton Aeroquip Fluid Conveyance Master Catalog](#)