

Aeroquip

FC736-08

Hose - BRUISER SAE100R12



Product Specifications

Abrasion Resistance	Premium
Application	High abrasion industrial and hydraulic system applications with petroleum and water-based fluids
Burst Pressure	20000 psi
Certification(s)	EN856 Type R12 ABS EN856 4SP
Color	Black
Compliances	USCG MSHA Approved DNV
Conductivity	Conductive
Construction	4 Spiral
Cover Material	Polyethylene
Dash Size	-8
Description Product Name	Eaton Aeroquip FC736 Series Hose
Description Short	Hose
ECCN	EAR99
Impulse Cycle Life	500000 cycle
Inside Diameter	0.5 inch
Lay Line Style	Ink Transfer
Maximum Working Temperature	250 degree Fahrenheit
Minimum Bend Radius	7.09 inch
Minimum Working Temperature	-40 degree Fahrenheit
Outside Diameter	0.96 inch
Product Height	0.96
Product Height UOM	inch
Product Length	1
Product Length UOM	foot
Product Trade Name	FC736 Series
Product Weight	0.56
Product Weight UOM	pound
Product Width	0.96
Product Width UOM	inch
Qualified Hose Fittings	4S, TTC-12, Spiral Single Skive, 100R5 Reusable

Reinforcement Material	Wire
Sub Brand	Aeroquip
Tube Material	Synthetic Rubber
Working Pressure	5000 psi

Overview & Features

Eaton Aeroquip Spiral Hose FC736 MatchMate Global

Features

- Bruiser Ultra High Abrasion Resistance Cover
- SAE 100R12 Hose Specification

Where Used



Machine building

Platforms:

- CNC Machining
- Metal /Hydro Forming
- Metal Stamping and Shearing
- Plastics

Applications:

- High pressure hydraulic systems



Mining, metals and minerals

Platforms:

- Coal Mill
- Continuous Miner
- Conveyors
- Excavator
- Exploration Drill Rig
- Foundry Casting
- Longwall Mining System
- Mobile Crusher
- Off-Highway Dump Truck
- Reclaimer
- Rope Shovel
- Semi-Continuous Mining System
- Stacker
- Stationary Crusher
- Surface Drill Rig
- Underground Drill Rig
- Wheel Loader

Applications:

- High pressure hydraulic systems



Mobile machinery and equipment

Platforms:

- 100+ hp
- All hp
- Backhoe Loader
- Balers
- Combines
- Compactor
- Crane
- Crawler Dozer
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Loaders
- Paver
- Self-Propelled Forage Harvesters
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Harvesting
- Stump Grinders and Wood Chippers
- Telehandler
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Wheeled Loader
- Yards

Applications:

- High pressure hydraulic systems



Oil and gas

Platforms:

- Hoisting Systems
- Seismic Vibrator Trucks
- Upstream: Onshore Drilling Operations
- Upstream: Onshore Pump Jacks

Applications:

- High pressure hydraulic systems



Vehicles

Platforms:

- Dump
- Refuse Truck
- Transit Mixer
- Wrecker/Recovery

Applications:

- High pressure hydraulic systems

Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
★	Class 0 Cool Down Leakage per SAE J1176 when assembled with the 4S/6S Fitting Series.	☑	☑	☑
★	Reduced downtime – Highly abrasion resistance BRUISER cover provides over 700x's greater abrasion resistance than standard 100R12 hose covers. Provides longer life in highly abrasive applications.	☑	☑	☑
★	Easy Installation – with ½ bend radius of standard 100R12 hoses.	☑	☑	☑
★	Engineered Hose Assembly System – MatchMate Spiral with 4S fittings provides easy identification of hose & hose fittings approved to be assembled together.	☑	☑	☑

	Product Identification – bright, colorful ink transfer layline.	☒	☒	☒
	Versatility – works in multiple platforms and customer applications with one hose and fitting series.	☒	☒	☒

Tools & Collateral

Catalog

 [Catalog # A-HOOV-MC001-E2](#)