

Aeroquip

FC736-16

Hose - HOSE R12 BRUISER EN856 TYPE 12



Product Specifications

Abrasion Resistance	Premium
Application	High abrasion industrial and hydraulic system applications with petroleum and water-based fluids
Burst Pressure	16200 psi
Certification(s)	EN856 Type R12 EN856 4SP ABS
Color	Black
Compliances	MSHA Approved DNV USCG
Conductivity	Conductive
Construction	4 Spiral
Cover Material	Polyethylene
Dash Size	-16
Description Product Name	Eaton Aeroquip FC736 Series Hose
Description Short	Hose
ECCN	EAR99
Impulse Cycle Life	500000 cycle
Inside Diameter	1 inch
Lay Line Style	Ink Transfer
Maximum Working Temperature	250 degree Fahrenheit
Minimum Bend Radius	11.81 inch
Minimum Working Temperature	-40 degree Fahrenheit
Outside Diameter	1.52 inch
Product Height	1.52
Product Height UOM	inch
Product Length	1
Product Length UOM	foot
Product Trade Name	FC736 Series
Product Weight	1.18
Product Weight UOM	pound
Product Width	1.52
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
Tube Wall Thickness	0.24 inch
Working Pressure	4050 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](#)