

**Aeroquip**

**FC736-12**

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)            | ABS EN856 4SP EN856 Type R12                                                                     |
| Color                       | Black                                                                                            |
| Compliances                 | MSHA Approved USCG DNV                                                                           |
| Conductivity                | Conductive                                                                                       |
| Construction                | 4 Spiral                                                                                         |
| Cover Material              | Polyethylene                                                                                     |
| Dash Size                   | -12                                                                                              |
| Description Product Name    | Eaton Aeroquip FC736 Series Hose                                                                 |
| Description Short           | Hose                                                                                             |
| ECCN                        | EAR99                                                                                            |
| Impulse Cycle Life          | 500000 cycle                                                                                     |
| Inside Diameter             | 0.75 inch                                                                                        |
| Lay Line Style              | Ink Transfer                                                                                     |
| Maximum Working Temperature | 250 degree Fahrenheit                                                                            |
| Minimum Bend Radius         | 9.45 inch                                                                                        |
| Minimum Working Temperature | -40 degree Fahrenheit                                                                            |
| Outside Diameter            | 1.24 inch                                                                                        |
| Product Height              | 1.24                                                                                             |
| Product Height UOM          | inch                                                                                             |
| Product Length              | 1                                                                                                |
| Product Length UOM          | foot                                                                                             |
| Product Trade Name          | FC736 Series                                                                                     |
| Product Weight              | 0.89                                                                                             |
| Product Weight UOM          | pound                                                                                            |
| Product Width               | 1.24                                                                                             |
| 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    | 0.225 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.                                       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|  | Versatility – works in multiple platforms and customer applications with one hose and fitting series. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

# Tools & Collateral

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Catalog

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