



**Aeroquip**  
**GH120-6**  
Hose - HOSE

\* 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              | 20025 psi                                                                                                                                                                          |
| Certification(s)            | SAE 100R2A SAE 100R16 SAE 100R19 EN853 2ST EN857 2SC SAE 100R2AT EN853 2SN                                                                                                         |
| Color                       | Black                                                                                                                                                                              |
| Compliances                 | MSHA Approved                                                                                                                                                                      |
| Conductivity                | Conductive                                                                                                                                                                         |
| Construction                | 2-ply braid                                                                                                                                                                        |
| Cover Material              | Synthetic Rubber                                                                                                                                                                   |
| Dash Size                   | -6                                                                                                                                                                                 |
| Description Product Name    | Eaton Aeroquip GH120 Series Hose                                                                                                                                                   |
| Description Short           | Hose                                                                                                                                                                               |
| ECCN                        | EAR99                                                                                                                                                                              |
| Impulse Cycle Life          | 400000 cycle                                                                                                                                                                       |
| Inside Diameter             | 0.38 inch                                                                                                                                                                          |
| Lay Line Style              | Ink Transfer                                                                                                                                                                       |
| Maximum Working Temperature | 212 degree Fahrenheit                                                                                                                                                              |
| Minimum Bend Radius         | 2.5 inch                                                                                                                                                                           |
| Minimum Working Temperature | -70 degree Fahrenheit                                                                                                                                                              |
| Outside Diameter            | 0.7 inch                                                                                                                                                                           |
| Product Height              | 0.7                                                                                                                                                                                |
| Product Height UOM          | inch                                                                                                                                                                               |
| Product Length              | 1                                                                                                                                                                                  |
| Product Length UOM          | foot                                                                                                                                                                               |
| Product Trade Name          | GH120 Series                                                                                                                                                                       |
| Product Weight              | 0.27                                                                                                                                                                               |
| Product Weight UOM          | pound                                                                                                                                                                              |
| Product Width               | 0.7                                                                                                                                                                                |
| 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     | 0.15 inch                                                 |
| UPC                     | 6.78E+11                                                  |
| Working Pressure        | 5000 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                    |
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|  <b>Mining, metals and minerals</b><br><br><b>Platforms:</b> <ul style="list-style-type: none"><li>• Conveyors</li><li>• Excavator</li><li>• Mobile Crusher</li><li>• Off-Highway Dump Truck</li><li>• Stationary Crusher</li><li>• Wheel Loader</li></ul><br><b>Applications:</b> <ul style="list-style-type: none"><li>• Applications with 100R1 pressure and below</li></ul> |  <b>Mobile machinery and equipment</b><br><br><b>Platforms:</b> <ul style="list-style-type: none"><li>• Aerial Work Platforms (Scissor &amp; Boom)</li><li>• All hp</li><li>• Application Equipment</li><li>• Backhoe Loader</li><li>• Balers</li><li>• Combines</li><li>• Compactor</li><li>• Crane</li><li>• Crawler Dozer</li><li>• Cultivation Equipment</li><li>• Defoliating Equipment</li><li>• Delimers</li><li>• Excavator</li><li>• Feller Bunchers</li><li>• Forwarders</li><li>• Irrigation</li><li>• Irrigation Systems</li><li>• Lift Trucks</li><li>• Loaders</li><li>• Mowers</li><li>• Paver</li><li>• Row Crop Planters</li><li>• Self-Propelled Forage Harvesters</li><li>• Self-Propelled Sprayers</li><li>• Self-Propelled Windrowers</li><li>• Skidders</li><li>• Specialty Equipment/Debris</li><li>• Specialty Harvesting</li><li>• Stump Grinders and Wood Chippers</li><li>• Telehandler</li><li>• Tractors - 2WD:</li><li>• Tractors - 4WD:</li><li>• Tree Harvesters</li><li>• Trimming Equipment</li><li>• Utility Vehicles</li><li>• Wheeled Loader</li><li>• Yards</li></ul><br><b>Applications:</b> <ul style="list-style-type: none"><li>• Applications with 100R1 pressure and below</li></ul> |  <b>Oil and gas</b><br><br><b>Platforms:</b> <ul style="list-style-type: none"><li>• Drill Systems</li><li>• Drilling Operations</li><li>• Hoisting Systems</li></ul><br><b>Applications:</b> <ul style="list-style-type: none"><li>• Applications with 100R1 pressure and below</li></ul> |  <b>Vehicles</b><br><br><b>Platforms:</b> <ul style="list-style-type: none"><li>• Dump</li><li>• Refuse Truck</li><li>• Transit Mixer</li><li>• Wrecker/Recovery</li></ul><br><b>Applications:</b> <ul style="list-style-type: none"><li>• Applications with 100R1 pressure and below</li></ul> |
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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 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Increased hose assembly life and reduced machine maintenance cost                                                                                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Higher hose pressure ratings than required in an application will increase the life of a hose assembly                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ★                           | GH120 exceeds SAE 100R16 pressures by an average of +39%                                                                                                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ★                           | GH120 exceeds EN857 2SC pressures by an average +14%                                                                                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ★                           | 43% lower temperature rating of -57°C (-70°F) versus SAE 100R16 specification of -40°C (-40°F)                                                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ★                           | 3 year warranty on all Triple Crown hose assemblies                                                                                                      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Inventory simplification and reduced inventory carrying cost                                                                                             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Extremely diverse range of applications requiring higher operating pressures and higher temperatures                                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Over 550 part numbers available with qualified TTC hose fittings                                                                                         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Quick and easy assembly through MatchMate™ hose assembly process                                                                                         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Reduces the chance of matching and mating errors                                                                                                         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Reduces training time to build a hose assembly                                                                                                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                             | Reduces the time to produce a hose assembly through color coordinated identifiers on the hose, hose fittings and crimp tooling                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

## Tools & Collateral

### Catalog

 [Eaton Aeroquip Fluid Conveyance Master Catalog](#)