Eaton’s Weatherhead®
H471 WeatherFORCE - FLEX 5000™

Super Flexible, High Pressure 5000+ psi Hydraulic Hose

The WeatherFORCE® family of high pressure hose styles incorporates the latest technologies in cover, tube compounds, and spiral wire reinforcement. Utilizing these advanced materials along with state-of-the-art manufacturing technology, Eaton has achieved dramatic improvement in flexibility in this R13 performance hose.

The new H471 combines best practices from recent acquisitions, leveraging strategic supplier relationships for new materials, new hose manufacturing technologies, and advanced engineering creating a new spiral hose with enhanced flexibility. Anyone who has ever wrestled with a stiff hydraulic hose will recognize the advantage of a 46% reduction in force-to-bend.

Typical applications for a very high pressure hose are found in a breadth of mobile and industrial areas. Ideal applications include construction equipment, such as excavators, back-hoe loaders, bulldozers, and forestry equipment like feller-bunchers or grapples. Stationary in-plant equipment such as injection molding and forming are also ideal applications. This new hose will not only provide excellent performance in flexing applications but makes it easier for handling in the shop and in routing on new and replacement applications.

New, very flexible, very high pressure hydraulic hose offers excellent performance along with the proven reliability of Weatherhead® brand products.

Features
- 46% improvement in force-to-bend
- 1/2 SAE minimum bend radius in sizes -12, -16, -20, -24
- Meets 5076 psi (350bar) working pressure in all sizes
- Rugged, abrasion resistant cover
- Meets and exceeds SAE 100R13 performance requirements
- MSHA approved

Benefits
- Easier to handle in the shop
- Easier to plumb new and replacement hose assemblies on equipment
- Longer life in abrasive applications
# Weatherhead®
## H471 WeatherFORCE - FLEX 5000™ hose

**SAE 100R13, EN856 Type R13, ISO 3862, Type R13 Performance**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>I.D. mm/in</th>
<th>O.D. mm/in</th>
<th>Max. Operating Pressure bar/psi</th>
<th>Min. Burst Pressure bar/psi</th>
<th>Min. Bend Radius mm/in</th>
<th>Weight kg/m/lb/ft</th>
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<tbody>
<tr>
<td>H47112</td>
<td>19.1/0.75</td>
<td>32.0/1.26</td>
<td>350/5076</td>
<td>1380/20304</td>
<td>121/4.75</td>
<td>1.24/0.84</td>
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<td>152/6.00</td>
<td>1.85/1.24</td>
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</table>

For information on additional sizes, please contact your local Eaton sales representative.

**Operating Temperature Range**

-40°C to +127°C
(-40°F to +260°F)

**Application**

High pressure hydraulic system service with petroleum and water-base fluids.

**Construction**

Synthetic rubber tube, multiple heavy spiral wire reinforcement and black synthetic rubber cover. 4 - Spiral -12, -16, -20, -24

**Qualified Hose Ends**

WeatherheadTIGHT® 4SP hose ends.