

**Eaton's Weatherhead®**  
H471 WeatherFORCE - FLEX 5000™



## Super Flexible, High Pressure 5000+ psi Hydraulic Hose!



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

The newest addition to the WeatherFORCE® family of high pressure hose styles incorporates the latest technologies in cover, leno and 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.

### Features

- 46% improvement in force-to-bend
- 1/2 SAE minimum bend radius
- Meets 5076 psi 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

**EATON**

*Powering Business Worldwide*

# Weatherhead® H471 WeatherFORCE - FLEX 5000™ hose



Very High Pressure Hydraulics

#						
Part Number	I.D. mm/in	O.D. mm/in	Max. Operating Pressure bar/psi	Min. Burst Pressure bar/psi	Min. Bend Radius mm/in	Weight kg/m/lb/ft
H47112 H47112-150	19.1/0.75	32.0/1.26	350/5076	1380/20304	121/4.75	1.24/0.84
H47116 H47116-150	25.4/1.00	39.1/1.54	350/5076	1380/20304	152/6.00	1.85/1.24
H47120 H47120-150	31.8/1.25	47.0/1.85	350/5076	1380/20304	210/8.25	2.52/1.69
H47124 H47124-150	38.1/1.50	55.1/2.17	350/5076	1380/20304	254/10.00	3.35/2.25
H47132 H47132-150	50.8/2.00	72.6/2.86	350/5076	1380/20304	318/12.50	6.05/4.06

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.

## Qualified Hose Ends

WeatherheadTIGHT® 4SP/6SP hose ends.

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