Eaton's Weatherhead®
H487 WeatherFROST®

New Low-Temperature Hose is Critical in Frigid Environments

Eaton's Weatherhead H487 WeatherFROST hose offers cold-temperature, ultra high-pressure 6090 psi performance.

Eaton's new Weatherhead® H487 WeatherFROST® hose takes the bite out of cold temperature applications. This H487 spiral wire hose withstands temperatures as low as -70°F (-57°C) and pressures as high as 6,090 psi (420 bar), making it ideal for hydraulic system use in Alaska, Canada, and other frigid global climates.

The Weatherhead H487 WeatherFROST hose is rugged and abrasion-resistant, characteristics that further enhance its suitability for extreme-duty applications on construction equipment, oil and gas rigs, agricultural equipment, and more.

The H487 is available in -12 through -24 sizes with one-piece WeatherTIGHT® 4SP/6SP crimp hose ends that make hose assemblies easy to build since skiving the hose is not required.

Features

- Size -12 to -16: 4 spiral
- Size -20 to –24: 6 spiral
- Meets DIN EN specifications
- 4 to 1 safety ratio
- MSHA approved

Benefits

- Rugged, spiral hose offers top performance in frigid temperatures
- Working temperatures from -70°F to +212°F (-57°C to +100°C)
- 6,090 psi (420 bar) maximum working pressure
- Proven, reliable Weatherhead hose and hose end technology
- Qualified with existing Weatherhead crimp machines

EATON
Powering Business Worldwide

Weatherhead H487 WeatherFROST hose

Part Number	I.D. mm/in	O.D. mm/in	Max. Operating Pressure bar/psi	Burst Pressure bar/psi	Min. Bend Radius mm/in	Weight kg/m/lb/ft
H48712	19,1/.750	33,0/1.29	420/6090	1680/24,360	280/11.00	1.61/1.08
H48716	25,5/1.00	39,9/1.57	420/6090	1680/24,360	340/13.50	2.02/1.36
H48720	31,8/1.25	49,4/1.94	420/6090	1680/24,360	420/16.50	3.55/2.39
H48724	38,1/1.50	57,3/2.25	420/6090	1680/24,360	510/20.00	4.74/3.19

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

Operating Temperature Range

-57°C to +100°C
(-70°F to +212°F)

Application

High pressure hydraulic systems with petroleum base fluids for low temperature applications.

Construction

Synthetic rubber inner tube. 4-heavy wire spiral reinforcement (size -12 and -16), 6-heavy wire spiral reinforcement (size -20 and -24). Abrasion resistant synthetic rubber cover.

Qualified Hose Ends

WeatherheadTIGHT 4SP/6SP hose ends.

Crimp Specifications:

Hose	Crimp OD	Approved Tooling
H48712	1.425 ± 0.006	ET4000/T-440
H48716	1.765 ± 0.006	ET4000/T-440
H48720	2.245 ± 0.006	ET4000
H48724	2.525 ± 0.006	ET4000

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