

Eaton's Weatherhead®
Diamond Advantage Program

Weatherhead Diamond Advantage

Distinct competitive
advantages

EATON

Powering Business Worldwide

The Diamond Advantage

Brilliant features that add up to unbeatable value!

Eaton engineering does it again. Select Weatherhead® hydraulic hose styles offer distinct advantages in three areas.

1

Pressure

Improved working pressures provide higher performance levels.

+

2

Temperature

Improved working temperatures provide higher performance levels.

+

3

Abrasion Resistance

The WeatherSHIELD® cover is more abrasion resistant than traditional rubber covers.

= The Weatherhead Diamond Advantage

Our customers work in some of the most demanding industries, such as construction, refuse, agriculture, mining, and oil and gas. Their applications challenge the strength and durability of even the toughest components.

Select Weatherhead hydraulic hose styles now feature improved wire reinforcement technologies, new insulation materials, and innovative construction to provide industry-leading performance. The Weatherhead Diamond Advantage means higher pressure ratings, improved working temperatures, and better abrasion resistance.

For hydraulic hose that delivers under pressure—and heat and abrasion—turn to Eaton's Weatherhead products.



Indicates a product identified as a Weatherhead Diamond Advantage hose product. For more information go to www.Eaton.com/DiamondAdvantage

Raise Your Standards with Eaton's Weatherhead Diamond Advantage Hose Products

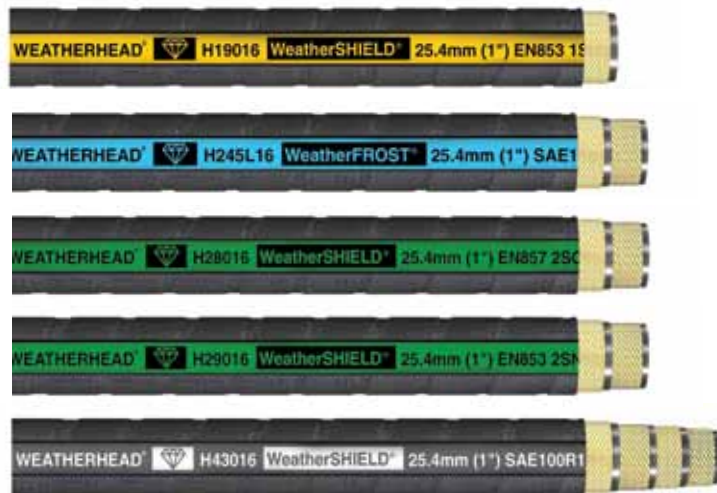
Our improved designs have enabled us to increase pressures on selected Weatherhead hose styles by an average of +24% over the competition.

Advances in increased temperatures are the **highest in the industry** for similar products designed to meet EN specifications. Improvements in rubber compounds have enabled Eaton to raise temperatures of these Weatherhead braided and spiral hose styles to -40°F to +260°F (-40°C to +127°C).

Covers have been improved for better abrasion protection and are **more abrasion resistant than the traditional rubber covers**.

Benefits to you...

- Higher pressures and temperatures can extend the life of a hydraulic hose in a typical application.
- Hose products to meet market needs with a better long-term value.
- Meet the requirements of today's higher pressure hydraulic systems being introduced into the market.



Diamond Advantage hose products are indicated by this diamond on the hose layline.

Some highlights of these hose products include:

H190

1-Wire braided construction
Exceeds EN853 type 1SN requirements
Exceeds SAE 100R1 requirements
Qualified hose end: Z series (non-skive)
WeatherSHIELD abrasion resistant cover

H290

2-Wire braided construction
Exceeds EN853 type 2SN requirements
Exceeds SAE 100R2 requirements
Qualified hose end: Z series (non-skive)
WeatherSHIELD abrasion resistant cover

H245L

2-Wire braided construction
Exceeds SAE 100R16 low temperature performance requirements (-70°F to +212°F)
Qualified hose end: Z series (non-skive)
WeatherSHIELD abrasion resistant cover
1/2 SAE minimum bend radius

H430

4-Wire spiral construction
Exceeds SAE 100R12 requirements and meets 4SP performance in sizes -8 thru -16.
Qualified hose end: 430U series (non-skive)
WeatherSHIELD abrasion resistant cover
1/2 SAE minimum bend radius

H280

2-Wire braided construction
Exceeds EN857 type 2SC requirements
Exceeds SAE 100R2 requirements
Qualified hose end: Z series (non-skive)
WeatherSHIELD abrasion resistant cover
1/2 SAE minimum bend radius

Contact your local Weatherhead distributor for our Weatherhead Advantage Sheets on specific hose products.

Distributor Locator:

www.eaton.com/hydraulics/distributors



Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
Eaton Building
4th Floor, No. 3 Lane 280 Linhong Rd.
Changning District
Shanghai 200335
China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 5200 0400