






Weatherhead

RhinoHide II™

Innovation Sheet

WEATHERHEAD  1/2" (12.5mm) H145R08 COLLO--CRIMP® USA 3000 PSI

WEATHERHEAD  1" (25.4mm) H430R16 COLLO--CRIMP® USA SAE 1

Built to a Tougher Standard

RhinoHide II™ hose is designed to work where hydraulic hose is subjected to constant abuse and abrasion from:

- Hose-to-machine
- Hose-to-hose
- Hose-to-environment

Features

- Hose cover utilizes an ultra-high molecular weight polyethylene material (same polymer as used on dump truck liners and snow ski bottoms)
- Slick and shiny appearance

Benefits

- Highest abrasion resistance of any known polymer-covered hose material
- Greatly reduces costly downtime by preventing abrasion-related hose failures
- The lower coefficient of friction surface promotes faster installation and routing thus lowers overall installation costs
- RhinoHide II material helps repel mud and dirt buildup
- Lowers overall hose assembly costs by eliminating the need to install abrasion resistant sleeving
- All Weatherhead® RhinoHide II hoses carry a 5-Year product warranty



Technical Data

H145R RhinoHide II

Single or Double wire braid
3,000 psi constant pressure



WEATHERHEAD H145R

SPECIFICATIONS

PART NUMBER	MAXIMUM HOSE I.D.	MAXIMUM HOSE O.D.	MINIMUM OPERATING PRESSURE	MINIMUM BURST PRESSURE	BEND RADIUS	WEIGHT PER FOOT
	MM (IN)	MM (IN)	BAR (PSI)	BAR (PSI)	MM (IN)	KG (LBS)
H145R04	6,4 (0.25)	13,2 (.52)	206,9 (3000)	827,4 (12000)	50,8 (2.00)	6,8 (15)
H145R06	9,5 (0.38)	17,0 (.67)	206,9 (3000)	827,4 (12000)	63,5 (2.50)	10,4 (23)
H145R08	12,7 (0.50)	21,1 (.83)	206,9 (3000)	827,4 (12000)	88,9 (3.50)	14,5 (32)
H145R10*	15,9 (0.63)	25,9 (1.02)	206,9 (3000)	827,4 (12000)	101,6 (4.00)	23,1 (51)
H145R12*	19,1 (0.75)	30,2 (1.19)	206,9 (3000)	827,4 (12000)	120,7 (4.75)	28,6 (63)
H145R16*	25,4 (1.00)	38,6 (1.52)	206,9 (3000)	827,4 (12000)	152,4 (6.00)	37,6 (83)

Construction: Nitrile Inner tube with one or two wire braid reinforcements, synthetic rubber intermediate cover and UHMW outer cover.

Application: General industrial and hydraulic system service with petroleum and water-base fluids. Recommended for high-pressure oil lines used on construction equipment and other off-highway applications.

Operating Temperature Range: -40°F to +212°F (-40°C to +100°C). Maximum Ambient Temperature: 180°F (82°C).

Fittings: WeatherGRIP™ (Z series)

*Two braids of high tensile wire

H430R RhinoHide II

Four heavy spiral wire
Exceeds SAE 100R12



WEATHERHEAD H430R

SPECIFICATIONS

PART NUMBER	HOSE I.D.	MAXIMUM HOSE O.D.	MAXIMUM OPERATING PRESSURE	MINIMUM BURST PRESSURE	MINIMUM BEND RADIUS	WEIGHT PER FOOT
	MM (IN)	MM (IN)	BAR (PSI)	BAR (PSI)	MM (IN)	KG (LBS)
H430R06	9,5 (.38)	20,1 (.79)	275,8 (4000)	1103,2 (16000)	127,0 (5.00)	21,3 (47)
H430R08	12,7 (.50)	23,4 (.92)	275,8 (4000)	1103,2 (16000)	177,8 (7.00)	26,8 (59)
H430R10	15,9 (.63)	28,2 (1.11)	275,8 (4000)	1103,2 (16000)	203,2 (8.00)	36,3 (80)
H430R12	19,1 (.75)	30,5 (1.20)	275,8 (4000)	1103,2 (16000)	241,3 (9.50)	41,7 (92)
H430R16	25,4 (1.00)	37,6 (1.48)	275,8 (4000)	1103,2 (16000)	304,8 (12.00)	55,3 (122)
H430R20	31,8 (1.25)	46,5 (1.83)	275,8 (3000)	827,4 (12000)	419,1 (16.50)	74,4 (164)
H430R24	38,1 (1.50)	55,1 (2.17)	275,8 (2500)	689,5 (10000)	501,0 (20.00)	91,2 (201)
H430R32	50,8 (2.00)	68,3(2.69)	275,8 (2500)	689,5 (10000)	635,0 (25.00)	133,4 (294)

Construction: Synthetic rubber tube, 4-heavy spiral wire reinforcement, synthetic rubber intermediate cover and UHMW outer cover.

Application: High abrasion applications. Hydraulic system service with petroleum and water-base fluids, for general industrial service.

Operating Temperature Range: -40°F to +250°F (-40°C to +121°C). Maximum Ambient Temperature: 180°F (82°C).

Fittings: 430U (all sizes).



WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Only use the fittings suggested by Eaton for this hose product. Mixing fittings and hoses by different manufacturers can lead to an unstable connection, due to differences in manufacturing techniques and tolerances. Such connections can fail and have the potential to spray and cause personal injury or property damage.

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Printed in USA
Document No. W-H00V-MS001-E1
April 2006