

The Eaton logo, featuring the word "EATON" in a bold, white, sans-serif font with a stylized dot in the letter "O".The Weatherhead logo, featuring the word "Weatherhead" in a bold, white, sans-serif font.

H430 WeatherEASE Very High Pressure Hose

Product Details



The Most Flexible SAE100R12 Hose in the Industry



Weatherhead® is pleased to introduce an improved H430 WeatherEASE™ hose, the most flexible, best-performing SAE 100R12 hose on the market. We've always known how to make a critical performance product, but now we are able to add flexibility to that same critical performance product.

Through the development of our flexibility test stand, we have been able to determine exactly what makes hose flexible, while maintaining superior performance expected from Eaton. H430 WeatherEASE hose is the result.

At Eaton, we define flexibility in two ways: bend radius and force to bend. H430 WeatherEASE is the superior hose in both categories – from bend radii, equal to one half the SAE requirement to the most pliable hose available.

Features

- One-half SAE bend radii in all sizes
- Less force to bend than any (SAE 100R12 style) hose on the market
- Qualified with 430 'U' Series Hose Ends
- Qualified to one million impulse cycles (-06, -08, -10, -12, -16 sizes) at full SAE bend radii with the 430 'U' Series
- Available in -06, -08, -10, -12, -16, -20, -24 and -32 sizes
- Easily recognizable layline

Benefits

- The ultimate problem-solving hose for tough-to-route applications
- Easy to install
- Easy to assemble
- Superior life expectancy in the most demanding applications
- Multiple sizes to meet varying needs

Applications

- For very high pressure hydraulic lines subjected to pressure surges and flexing. Typical applications include construction, mining, farming and high performance industrial equipment.

Very High Pressure Hose

H430 WeatherEASE™

SAE 100R12, ABS, 1/2 SAE Bend Radius*



#	HOSE I.D.			HOSE O.D.			WORKING PRESS. (PSI)		MIN. BURST PRESSURE		MIN. BEND RADIUS		WT. PER 100 FT.		AVAIL. LENGTHS
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	feet
H43006 H43006-100	9,5	0.38	3/8	20,1	0.79	53/64	275,8	4,000	1103,2	16,000	127,0 62,5*	5.00 2.50*	21,3	47	50 100
H43008 H43008-100 H43008-150	12,7	0.50	1/2	23,4	0.92	15/16	275,8	4,000	1103,2	16,000	177,8 90,0*	7.00 3.50*	25,9	57	50 100 150
H43010 H43010-100 H43010-150	15,9	0.63	5/8	28,2	1.11	1-7/64	275,8	4,000	1103,2	16,000	203,2 100,0*	8.00 4.00*	31,8	70	50 100 150
H43012 H43012-100 H43012-150	19,1	0.75	3/4	30,5	1.20	1-7/32	275,8	4,000	1103,2	16,000	241,3 120,0*	9.50 4.75*	40,8	90	50 100 150
H43016 H43016-100 H43016-150	25,4	1.00	1	37,6	1.48	1-33/64	275,8	4,000	827,4	12,000	304,8 150,0*	12.00 6.00*	54,9	121	50 100 150
H43020 H43020-100 H43020-150	31,8	1.25	1-1/4	46,5	1.83	1-7/8	206,9	3,000	689,5	10,000	419,1 210,0*	16.50 8.25*	73,9	163	50 100 150
H43024 H43024-100 H43024-150	38,1	1.50	1-1/2	55,0	2.18	2-1/8	172,4	2,500	689,5	10,000	501,0 250,0*	20.00 10.00*	93,4	206	50 100 150
H43032 H43032-100 H43032-150	50,8	2.00	2	68,3	2.69	2-21/32	172,4	2,500	689,5	10,000	635,0 320,0*	25.00 12.50*	135,6	299	50 100 150

Inner Tube: Nitrile
Cover: Synthetic Rubber
Reinforcement:
 4 Spiral Steel Plies

Temp. Range:
 -40°F to +250°F
 (-40°C to +121°C)

MSHA Accepted
 Marine Application J1942/1 - Hydraulic only¹, ABS¹
 * Black covered hose only

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