EATON | Weatherhead

WeatherBLAZE and WeatherFROST Extreme Temperature Hose

Product Details

Hot or cold, we have you covered

WeatherBLAZE: H039H, H190H and H290H

WeatherBLAZE™ superiority is reflected in its durability and long lasting service life under the most challenging conditions. This hose will outlast conventional hose.

It's superior in its operating temperature range of up to +302˚F with straight petroleum base oils.

Applications

- In plant (stationary) as well as mobile equipment.
- Hydraulic system service with petroleum, fire-resistant and water-base fluids, fuel and lubricating systems.

Features

- Large Spectrum of Fluid Compatibility
- Extreme Temperature Range: -40°F to +302°F (-40°C to +150°C)
- Qualified with WeatherGRIP™ ('Z' Series) Hose Ends

WeatherFROST: H245L

Eaton has done the near impossible by creating a hose that performs well in low temperatures while maintaining substantial abrasion resistance. By successfully integrating these features, the H245L WeatherFROST™ is the ideal hose to be used in extreme low temperature circumstances, resulting in more efficient equipment operation, less downtime and reduced cleanup for lower total costs.

Applications

- Low temperature flexing and hydraulic system service with petroleum and water-base fluids. For use in frigid environments on construction equipment and other mobile applications.

Features

- -70˚F to + 212˚F Continuous Operating Temperature Range
- Abrasion Resistant
- SAE 100R16 Performance
- Qualified with WeatherGRIP™ ('Z' Series) Hose Ends

H245L WeatherFROST

SAE 100R16 Performance, 1/2 Bend Radius

Inner Tube:
Synthetic Rubber Tube

Reinforcement: 2 Wire Braid

Cover: Synthetic Rubber

Temp. Range:
-70˚F to +212˚F
(-57˚C to +100˚C)

Typical Application:
Low temperature flexing and hydraulic system service with petroleum and water-base fluids. For use in frigid environments on construction equipment and other mobile applications.

Compatible Hose Ends:
WeatherGRIP Z-Series

Part Number	Hose I.D.			Hose O.D.			Working Pressure		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
H245L04 H245L04-250R	6,4	0.25	1/4	14,2	0.56	9/16	350,0	5,000	1400,0	20,000	50,8	2.00	0,30	0.20	50 250
H245L06 H245L06-250R	9,7	0.38	3/8	17,3	0.68	11/16	280,0	4,000	1120,0	16,000	63,5	2.50	0,40	0.27	50 250
H245L08 H245L08-250R	12,7	0.50	1/2	20,8	0.82	53/64	245,0	3,500	980,0	14,000	88,9	3.50	0,58	0.39	50 250
H245L10 H245L10-250R	15,9	0.63	5/8	24,9	0.98	63/64	192,0	2,750	770,0	11,000	101,6	4.00	0,74	0.50	50 250
H245L12 H245L12-250R	19,1	0.75	3/4	28,4	1.12	1-1/8	157,0	2,250	630,0	9,000	120,7	4.75	0,92	0.62	50 250
H245L16 H245L16-250R	25,4	1.00	1	35,8	1.41	1-13/32	140,0	2,000	560,0	8,000	152,4	6.00	1,22	0.82	50 250
H245L20 H245L20-150	31,8	1.25	1-1/4	43,4	1.71	1-23/32	113,0	1,625	455,0	6,500	209,6	8.25	1,60	1.07	50 150
H245L24 H245L24-100	38,1	1.50	1-1/2	51,6	2.03	2-1/16	87,0	1,250	350,0	5,000	254,0	10.00	2,11	1.42	50 100
H245L32 H245L32-100	50,8	2.00	2	63,8	2.51	2-1/2	78,0	1,125	315,0	4,500	317,5	12.50	2,80	1.88	50 100

H039H WeatherBLAZE

SAE 100R4

Inner Tube: CPE

Reinforcement: 1 Helical Cable Wire Between Two Textile Layers. 1 Fiber Braid.

Cover: Black CPE

Temp. Range:
-40°F to +302°F
(-40°C to +150°C)

Typical Application:
Hydraulic Suction Hose

Compatible Hose Ends:
WeatherGRIP Z-Series

Part Number	Hose I.D.			Hose O.D.			Working Pressure		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
H039H12 H039H12-100	19,1	0.75	3/4	32,5	1.28	1-9/32	20,1	300	82,7	1,200	125,0	5.00	20,0	44	50 100
H039H16 H039H16-100	25,4	1.00	1	38,1	1.50	1-1/2	17,2	250	69,0	1,000	150,0	6.00	23,6	52	50 100
H039H20 H039H20-100	31,8	1.25	1-1/4	46,4	1.83	1-53/64	13,8	200	55,2	800	200,0	8.00	34,0	75	50 100
H039H24 H039H24-100	38,1	1.50	1-1/2	52,8	2.08	2-5/64	10,3	150	41,4	600	255,0	10.00	38,6	85	50 100
H039H32 H039H32-100	50,8	2.00	2	66,3	2.61	2-39/64	6,9	100	27,6	400	300,0	12.00	52,6	116	50 100

H190H WeatherBLAZE

SAE 100R1 Type AT, EN 853 Type 1SN, ISO 1436

Inner Tube: CPE
Reinforcement: 1 Steel Braid
Cover: Black CPE
Temp. Range:
-40°F to +302°F
(-40°C to +150°C).

Typical Application:
Transfer of hydraulic fluid, water and air.
Compatible Hose Ends:
WeatherGRIP Z-Series
MSHA Accepted
ISO 1436a

Part Number	Hose I.D.			Hose O.D.			Working Pressure		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
H190H04 H190H04-250R	6,40	.25	1/4	13,5	0.53	17/32	225,1	3,265	900,5	13,060	101,6	4.00	6,8	15	50 250
H190H06 H190H06-250R	9,5	0.38	3/8	17,5	0.69	11/16	180,0	2,610	719,8	10,440	127,0	5.00	9,5	21	50 250
H190H08 H190H08-250R	12,7	0.50	1/2	20,6	0.81	13/16	160,0	2,320	639,9	9,280	177,8	7.00	12,7	28	50 250
H190H10 H190H10-250R	15,9	0.63	5/8	23,8	0.94	15/16	130,0	1,885	519,9	7,540	203,2	8.00	15,0	33	50 250
H190H12 H190H12-250R	19,1	0.75	3/4	27,8	1.09	1-3/32	105,1	1,525	420,6	6,100	241,3	9.50	18,6	41	50 250
H190H16 H190H16-250R	25,4	1.00	1	35,7	1.41	1-13/32	87,9	1,275	351,6	5,100	304,8	12.00	27,2	60	50 250
H190H20 H190H20-150	31,8	1.25	1-1/4	43,9	1.73	1-47/64	62,0	900	248,0	3,600	420,0	16.50	1,26	0.85	50 150

H290H WeatherBLAZE

100R2, EN 853, Type 2SN, ISO 1436

Inner Tube: CPE
Reinforcement: 2 Steel Braids
Cover: Black CPE
Temp. Range:
-40°F to +302°F
(-40°C to +150°C).

Typical Application:
High pressure hose for hydraulic fluid applications. Also, water transfer.
Compatible Hose Ends:
WeatherGRIP Z-Series
MSHA Accepted

Part Number	Hose I.D.			Hose O.D.			Working Pressure		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
H290H04 H290H04-250R	6,4	0.25	1/4	15,1	0.59	19/32	399,9	5,800	1599,6	23,200	101,6	4.00	10,9	24	50 250
H290H06 H290H06-250R	9,5	0.38	3/8	19,1	0.75	3/4	331,0	4,800	1323,8	19,200	127,0	5.00	15,0	33	50 250
H290H08 H290H08-250R	12,7	0.50	1/2	22,2	0.88	7/8	275,8	4,000	1103,2	16,000	177,8	7.00	19,1	42	50 250
H290H10 H290H10-250R	15,9	0.63	5/8	25,4	1.00	1	250,3	3,630	1001,2	14,520	203,2	8.00	22,7	50	50 250
H290H12 H290H12-250R	19,1	0.75	3/4	29,4	1.16	1-5/32	215,1	3,120	860,5	12,480	241,3	9.50	28,6	63	50 250
H290H16 H290H16-250R	22,2	0.88	7/8	38,1	1.50	1-1/2	165,5	2,400	661,9	9,600	304,8	12.00	40,8	90	50 250
H290H20 H290H20-150	31,8	1.25	1-1/4	48,8	1.92	1-59/64	157,0	2250	630,0	9000	419,1	16.50	2,39	1.60	50 150
H290H24 H290H24-100	38,1	1.50	1-1/2	54,6	2.15	2-5/32	122,0	1750	490,0	7000	508,0	20.00	2,60	1.74	50 100
H290H32 H290H32-100	50,8	2.00	2	67,8	2.67	2-43/64	105,0	1500	420,0	6000	635,0	25.00	3,38	2.27	50 100

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