

H290 WeatherSHIELD™ Hydraulic Hose

Meets and exceeds SAE 100R2AT Type S, EN853 2SN,
ISO 1436-1 Type 2SN Performance



Diamond Advantage

- Pressure
- Temperature
- Abrasion Resistance



# Part Number	Hose I.D.			Hose O.D.			Working Pressure		Min. Burst Pressure		Min. Bend Radius		Hose Weight		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/100ft	feet
H29004 H29004-250R H29004-500R	6,4	0.25	1/4	15,1	0.59	19/32	448	6,500	1792	26,000	101,6	4.00	11,8	26	50 250 500
H29006 H29006-250R H29006-500R	9,5	0.38	3/8	19,1	0.75	3/4	400	5,800	1600	23,200	127,0	5.00	17,3	38	50 250 500
H29008 H29008-250R H29008-500R	12,7	0.50	1/2	22,2	0.88	7/8	345	5,000	1380	20,000	177,8	7.00	20,1	46	50 250 500
H29010 H29010-250R	15,9	0.63	5/8	25,4	1.00	1	276	4000	1104	16,000	203,2	8.00	24,5	54	50 250
H29012 H29012-250R	19,1	0.75	3/4	29,4	1.16	1-5/32	241	3,500	964	14,000	241,3	9.50	30,0	66	50 250
H29016 H29016-250R	25,4	1.00	1	38,1	1.50	1-1/2	207	3,000	828	12,000	304,8	12.00	45,9	101	50 250
H29020 H29020-150	31,8	1.25	1-1/4	48,8	1.92	1-7/8	172	2,500	688	10,000	419,1	16.50	70,0	154	50 150
H29024	38,1	1.50	1-1/2	54,6	2.15	2-5/32	138	2,000	552	8,000	508,0	20.00	76,4	168	50
H29032	50,8	2.00	2	63,8	2.51	2-1/2	110	1,600	440	6,400	635,0	25.00	100,9	222	50

Inner Tube:

Synthetic rubber tube

Reinforcement: 2 Steel Braids

Cover: WeatherSHIELD
Synthetic rubber cover

Temp. Range:

Petroleum-based
Hydraulic Fluids:
-40°C to +127°C
(-40°F to +260°F)

Water-based Hydraulic Fluids:
-40°C to +70°C
(-40°F to +158°F)

Typical Application: Hydraulic system service with petroleum and water-based fluids, for general industrial service.

Hose Fitting Reference

C-O-C

Z' Series

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MSHA Accepted

H290H WeatherBLAZE™

100R2, EN 853, Type 2SN



# Part Number	Hose I.D.			Hose O.D.			Working Press. (PSI)		Min. Burst Pressure		Min. Bend Radius		Hose Weight		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/100ft	feet
H290H04	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
H290H06	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
H290H08	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
H290H10	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
H290H12	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
H290H16	25,4	1.00	1	38,1	1.50	1-1/2	165,5	2,400	661,9	9,600	304,8	12.00	40,8	90	50
H290H20	31,8	1.25	1-1/4	48,8	1.92	1-23/25	157,0	2250	630,0	9000	419,1	16.50	2,39	1.60	50

Inner Tube: CPE

Reinforcement:
2 Steel braids

Cover: CPE black

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

Typical Application: High pressure hose for hydraulic fluid applications.

¹See pages A-33-34 for applicable service pressures, required fire sleeves and qualified hose ends.

MSHA Accepted

Hose Fitting Reference

C-O-C

Z' Series

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