

H280

WeatherSHIELD

Meets or exceeds: SAE 100R16 Type S, EN857 2SC, ISO 1436



Diamond advantage

- Pressure
- Temperature
- Abrasion resistance

#	Hose I.D.		Hose O.D.		Maximum operating pressure		Minimum burst pressure		Minimum bend radius		Weight		Package length		
	Part number	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in		kg/m	lbs/ft
H28004 H28004-250R H28004-500R	6	6.4	0.25	14.1	0.56	448	6,500	1,792	26,000	50	1.96	0.33	0.22	50 250 500	
H28006 H28006-250R H28006-500R	10	9.5	0.38	17.4	0.69	400	5,800	1,600	23,200	65	2.55	0.43	0.29	50 250 500	
H28008 H28008-250R H28008-500R	12	12.7	0.50	20.8	0.82	345	5,000	1,380	20,000	90	3.54	0.58	0.39	50 250 500	
H28010 H28010-250R	16	15.9	0.63	24.9	0.98	276	4,000	1,104	16,000	100	3.94	0.65	0.44	50 250	
H28012 H28012-250R	19	19.0	0.75	28.4	1.12	241	3,500	964	14,000	120	4.72	0.79	0.53	50 250	
H28016 H28016-250R	25	25.4	1.00	35.7	1.41	207	3,000	828	12,000	150	5.90	1.07	0.72	50 250	
H28020 H28020-150	31	31.8	1.25	43.3	1.71	172	2,500	688	10,000	210	8.26	1.62	1.09	50 150	
H28024 H28024-150	38	38.1	1.50	51.4	2.03	138	2,000	552	8,000	250	9.84	2.08	1.40	50 150	
H28032	51	50.8	2.00	63.9	2.52	110	1,600	440	6,400	315	12.40	2.82	1.90	50	

Construction

Tube: Nitrile

Reinforcement:
2 wire braids

Cover: WeatherSHIELD

Operating parameters

Petroleum based hydraulic fluids:
-46°C to +126°C
(-50°F to +260°F)

Water-based hydraulic fluids:
-46°C to +70°C
(-50°F to +158°F)

For water:
-0°C to +70°C
(-32°F to +158°F)

Application

- Hydraulic system service with petroleum and water-based fluids
- For general industrial service

**MSHA approved,
ABS approved,
USCG approved**

For more information on agency listings, specific fluid applications and high temperature ratings see section A2

Fitting reference	Page
Crimp	
"Z" series	H-29
Field Attachable	
"2R" series	I-5