

SAE 100R16 / EN857 2SC COMPACT RUBBER HYDRAULIC HOSE



1600 SERIES																	
PROPULSE HOSE PART NO.	HOSE SIZE			HOSE I.D. (MAX)		HOSE O.D. (MAX)		WORKING PRESSURE		PROOF PRESSURE		BURST PRESSURE		BEND RADIUS (MIN)		HOSE WEIGHTS	
	DN	DASH	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	BAR	PSI	MM	INCH	KG/M	LBS/ FT
1600 - 04*	6	-4	1/4	7.0	0.28	14.5	0.57	400	5800	800	11600	1600	23200	50	1.97	0.29	0.19
1600 - 05	8	-5	5/16	8.5	0.33	15.7	0.62	350	5075	700	10150	1400	20300	55	2.17	0.34	0.23
1600 - 06*	10	-6	3/8	10.1	0.40	18.8	0.74	330	4780	660	9570	1320	19140	65	2.56	0.39	0.26
1600 - 08*	12	-8	1/2	13.5	0.53	22.0	0.87	280	4000	560	8120	1120	16240	90	3.54	0.47	0.31
1600 - 10	16	-10	5/8	16.7	0.66	25.4	1.00	250	3625	500	7250	1000	14500	100	3.94	0.64	0.43
1600 - 12	19	-12	3/4	19.8	0.78	29.0	1.14	215	3117	430	6235	860	12470	120	4.72	0.78	0.52
1600 - 16	25	-16	1	26.4	1.04	36.6	1.44	165	2392	330	4785	660	9570	150	5.91	1.16	0.78
1600 - 20	31	-20	1 1/4	33.0	1.30	44.3	1.74	125	1812	250	3625	500	7250	210	8.27	1.57	1.06

HOSE CONSTRUCTION:

- › Inner Tube: Oil resistant synthetic rubber
- › Reinforcement: One or two layers of high tensile steel braid
- › Cover: Oil, abrasion and weather resistant synthetic rubber

MAIN APPLICATIONS:

- › Medium to high pressure applications
- › This hose is similar to the SAE100R2 / EN853 2SN, but has a smaller outside diameter which achieves a tighter bend radius while providing a lighter weight and compact design when minimal space is available

TEMPERATURE RANGE:

- › -40°F / +212°F
- › -40°C / +100°C

INTERMITTENT SERVICE:

- › -40°F / +257°F
- › -40°C / +125°C

FULLY MEETS OR EXCEEDS THE FOLLOWING SPECIFICATION(S):

- › SAE 100R16
- › EN857 2SC
- › ISO 11237-1 R16
- › ISO 11237-1 2SC
- › ISO 18752*

NOTE:

- › Not all sizes stocked at all times. Some specifications may vary. Please inquire about availability. ProPulse reserves the right to make any engineering or material changes at any time to our products for enhancement, performance and quality.
- › Available in STANDARD, ROCK and SHIELD cover options.

* Hose as noted above meets or exceeds ISO 18752 requirements for 28 MPa hose



WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.