

SAE 100R7 THERMOPLASTIC HYDRAULIC HOSE



700 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
1800 - 02	3	-2	1/8	4.0	0.16	9.5	0.37	210	3045	420	6090	840	12180	12	0.47	0.04	0.03
1800 - 03	5	-3	3/16	5.4	0.21	10.8	0.43	210	3045	420	6090	840	12180	30	1.18	0.06	0.04
1800 - 04MBK	6	-4	1/4	7.0	0.28	13.0	0.51	210	3045	420	6090	840	12180	32	1.26	0.10	0.07
1800 - 05MBK	8	-5	5/16	8.5	0.33	15.6	0.61	210	3045	420	6090	840	12180	38	1.5	0.14	0.09
1800 - 06MBK	10	-6	3/8	10.3	0.41	18.4	0.72	210	3045	420	6090	840	12180	50	1.97	0.18	0.12
700 - 08MBK	12	-8	1/2	13.5	0.53	22.5	0.89	140	2030	280	4060	560	8120	75	2.95	0.24	0.16

HOSE CONSTRUCTION:

- › Inner Tube: Oil resistant thermoplastic
- › Reinforcement: One or two layers of high tenacity yarn
- › Cover: Oil resistant thermoplastic elastomer with high ozone and abrasion resistance (-2 and -3 are smooth cover; -4 through -8 are matte textured cover)

MAIN APPLICATIONS:

- › Medium pressure hydraulic application that requires high flexibility, tight bend radius and good abrasion resistance to weather and ozone
- › Agriculture, construction, forestry and mobile equipment; fork trucks; general hydraulic; hydraulic tools, lubrication systems; marine steering; snow plow
- › Non-conductive hose available

TEMPERATURE RANGE:

- › -40°F / +212°F
- › -40°C / +100°C

FULLY MEETS OR EXCEEDS THE FOLLOWING SPECIFICATION(S):

- › SAE 100R18 / 100R7* (sizes -2 through -6)
- › SAE 100R7 (size -8)

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.
- › See page 10 for the benefits of using thermoplastic hose vs. rubber hose.
- › Made in the USA.

* This hose is dual branded — sizes -2 through -6 meet or exceed all SAE 100R18 requirements. Refer to page 27 for information on SAE 100R18 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.