

TPR7



SAE 100 R7 / ISO 3949.1

Construction







Thermoplastic inner tube
Synthetic fiber braid reinforcement
Thermoplastic cover

Recommended fluid

Suitable for use with mineral oil, biological oil, polyglycol base oils, water-oil emulsion and water.

Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
Polyglycol base oils, water-oil emulsion and water:
up to +85°C (+ 185°F)

HOSE TYPE	 Internal diameter			 External diameter	 Min. bend radius	 Max. Working pressure		 Min. Burst pressure		 Weight
	Size	Inch	DN	mm	mm	Bar	Psi	Bar	Psi	Kg/m
TPR7-02	-2	1/8"	4	8,3	20	235	3407	950	13775	0,05
TPR7-03	-3	3/16"	5	9,3	30	207	3000	830	12035	0,06
TPR7-04	-4	1/4"	6	11,8	40	190	2750	760	11020	0,90
TPR7-05	-5	5/16"	8	14,2	50	172	2500	690	10005	0,13
TPR7-06	-6	3/8"	10	16,0	70	155	2230	620	9000	0,15
TPR7-08	-8	1/2"	12	20,5	90	157	2276	630	9135	0,23
TPR7-10	-10	5/8"	16	24,0	130	130	1885	520	7540	0,28
TPR7-12	-12	3/4"	19	27,5	150	105	1522	420	6090	0,34
TPR7-16	-16	1"	25	34,2	180	77	1116	310	4495	0,44

Size: hose internal diameter according to SAE J517

Inch: hose internal diameter in inches

DN: nominal internal diameter according to manufacturing prescription (EN)

1 bar = 14,503 pound per square inch (PSI)