

SAE 100 R 17

Compact hydraulic hose isobaric construction acc. to SAE 100 R17, exceeds ISO 18752 AC



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	One braid DN6 – DN12 and two braids DN16 – DN25 of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber Note: various covers available
Temperature range	-40°C to 100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
Standard branding	Embossed tape

TECHNICAL DETAILS

																
Nominal			Internal-Ø		Braid-Ø		External-Ø		Work. pressure [max.]		Min. burst pressure		Bending radius [min.]		Weight approx.	
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	lbs/ft	kg/m
6	1/4	-4	6.6	0.26	10.4	0.49	12.4	0.49	210	3045	840	12180	50	2.0	0.11	0.16
8	5/16	-5	8.3	0.33	12.0	0.47	14.1	0.55	210	3045	840	12180	55	2.2	0.15	0.22
10	3/8	-6	9.9	0.39	13.9	0.55	16.0	0.63	210	3045	840	12180	65	2.6	0.18	0.27
12	1/2	-8	13.0	0.51	17.6	0.69	19.4	0.76	210	3045	840	12180	90	3.5	0.26	0.39
16	5/8	-10	16.4	0.65	21.7	0.85	23.8	0.94	210	3045	840	12180	100	3.9	0.41	0.61
19	3/4	-12	19.5	0.77	25.5	1.0	27.6	1.09	210	3045	840	12180	120	4.7	0.51	0.76
25	1	-16	26.0	1.02	34.0	1.34	36.2	1.43	210	3045	840	12180	150	5.9	0.87	1.29