

# SAE 100 R 17

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



## GENERAL

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

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