

SAE 100 R16-S

Compact hydraulic hose construction acc. to SAE 100 R16S



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Two braids 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	11.7	0.46	13.7	0.54	400	5800	1600	23200	50	2.0	0.17	0.25
8	5/16	-5	8.3	0.33	13.0	0.51	15.0	0.59	350	5075	1400	20300	55	2.2	0.18	0.27
10	3/8	-6	9.9	0.39	15.1	0.59	17.0	0.67	330	4785	1320	19140	65	2.6	0.24	0.36
12	1/2	-8	13.0	0.51	18.3	0.72	20.5	0.81	275	3990	1100	15960	90	3.5	0.31	0.46
16	5/8	-10	16.4	0.65	21.9	0.86	23.8	0.94	250	3625	1000	14500	100	3.9	0.43	0.64
19	3/4	-12	19.5	0.77	25.5	1.00	27.7	1.09	215	3120	860	12480	120	4.7	0.52	0.78
25	1	-16	26.0	1.02	32.7	1.29	35.3	1.39	165	2395	660	9580	150	5.9	0.78	1.16