

SAE 100 R19

Compact hydraulic hose construction acc. to SAE 100 R19, exceeds ISO 18752 AC



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	11.9	0.47	13.9	0.55	280	4060	1120	16240	50	2.0	0.22	0.32
10	3/8	-6	9.9	0.39	15.1	0.59	17.0	0.67	280	4060	1120	16240	65	2.6	0.26	0.39
12	1/2	-8	13.0	0.51	18.3	0.72	20.5	0.81	280	4060	1120	16240	90	3.5	0.32	0.48
16	5/8	-10	16.4	0.65	22.1	0.87	24.0	0.94	280	4060	1120	16240	100	3.9	0.46	0.68
19	3/4	-12	19.5	0.77	26.0	1.02	27.6	1.09	280	4060	1120	16240	120	4.7	0.59	0.88