



Hydraulic Hose

SAE 100 R5

Construction

- Tube : black, oil and heat resistant synthetic rubber.
- Reinforcement : 1 braid of high-tensile carbon steel wire over one braid of polyester.
- Cover : Black, oil and mildew resistant, polyester braid.

Application and Temperature Range

- Medium Pressure Hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering, turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines.
- Temperature Standards: With a temperature range of -40°F to +212°F (-40°C to +100°C)

Size		I.D.		O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Dash	DN	inch	mm	inch	mm	PSI	in bar	PSI	in bar	mm	inch
5	6	1/4		0.58	14.7	3,000	207	12,000	828	86	3.4
6	8	5/16		0.67	17.0	2,250	155	9,000	620	102	4.0
8	10	13/32		0.77	17.5	2,000	138	8,000	552	117	4.6
10	12	1/2		0.92	23.3	1,750	121	7,000	484	140	5.5
12	16	5/8		1.08	26.7	1,500	104	6,000	416	165	6.5
16	22	7/8		1.23	31.2	800	55	3,200	220	188	7.4
20	28	1 1/8		1.50	38.1	625	43	3,500	172	230	9.0
24	35	1 3/8		1.75	44.4	500	34	2,000	136	267	10.5



Hydraulic Hose - No Skive

SAE 100 R6

Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 1 T/B (One textile braid)
- Cover : Oil, weather and abrasion resistant Synthetic Rubber

Application and Temperature Range

- Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +125°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)

Size		I.D.		O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Dash	DN	inch	mm	inch	mm	PSI	in bar	PSI	in bar	mm	inch
4	6	1/4	6.4	0.50	12.7	400	28	1,600	112	65	2.5
5	8	5/16	7.9	0.56	14.3	400	28	1,600	112	75	3.0
6	10	3/8	9.5	0.63	15.9	400	28	1,600	112	75	3.0
8	12	1/2	12.7	0.78	19.8	400	28	1,600	112	100	4.0
10	16	5/8	15.9	0.91	23.0	360	25	1,400	100	130	5.0
12	19	3/4	19.0	1.03	27.4	300	21	1,200	84	150	6.0