



Hydraulic Hose - No Skive

SAE 100 R 16

Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 2W/B (Two braids of high tensile steel wire)
- Cover : Oil, weather and abrasion resistant Synthetic Rubber.

Application and Temperature Range

- Petroleum base hydraulic fluids and lubrication oils within a temperature range of -40°F to 257°F (-40°C to + 125°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)
- Air within of -40°F to +158°F (-40°C to + 70°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	0.53	13.4	5,000	350	20,000	1,400	50	2.0
5	8	5/16	7.9	0.59	15.0	4,250	300	17,000	1,200	55	2.3
6	10	3/8	9.5	0.69	17.4	4,000	280	16,000	1,120	65	2.5
8	12	1/2	12.7	0.81	20.6	3,500	245	14,000	980	90	3.5
10	16	5/8	15.9	0.94	23.8	2,750	193	11,000	772	100	4.0
12	19	3/4	19.0	1.09	27.8	2,250	158	9,000	632	120	4.7
16	25	1	25.4	1.41	35.9	2,000	140	8,000	560	150	6.0



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SAE 100 R 17

Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : one (upto 1/2") or two (from 5/8") high tensile steel wire braids
- Cover : Oil, weather and abrasion resistant Synthetic Rubber.

Application and Temperature Range

- Petroleum base hydraulic fluids and lubrication oils within a temperature range of -40°F to 257°F (-40°C to + 125°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)
- Air within of -40°F to +158°F (-40°C to + 70°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	0.49	12.5	3,000	210	12,000	840	50	2.0
5	8	5/16	7.9	0.56	14.3	3,000	210	12,000	840	55	2.3
6	10	3/8	9.5	0.65	16.5	3,000	210	12,000	840	65	2.5
8	12	1/2	12.7	0.78	19.7	3,000	210	12,000	840	90	3.5
10	16	5/8	15.9	0.94	24.0	3,000	210	12,000	840	100	4.0
12	19	3/4	19.0	1.10	28.0	3,000	210	12,000	840	125	5.0
16	25	1	25.4	1.43	36.2	3,000	210	12,000	840	150	6.0