

Hydraulic Hose

SAE 100 R 12

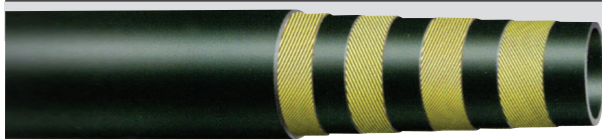
Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 4 W/S (Four spirals of high tensile steel wire)
- 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
6	10	3/8	9.5	0.80	20.3	4,000	280	16,000	1,120	125	5,0
8	12	1/2	12.7	0.93	23.7	4,000	280	16,000	1,120	180	7,0
10	16	5/8	15.9	0.97	27.6	4,000	280	16,000	1,120	200	8,0
12	20	3/4	19.0	1.21	30.7	4,000	280	16,000	1,120	240	9,5
16	25	1	25.4	1.50	38.0	4,000	280	16,000	1,120	300	12,0
20	32	1 1/4	31.8	1.85	47.0	3,000	210	12,000	840	420	16,5
24	38	1 1/2	38.1	2.11	53.5	2,500	175	10,000	700	500	20,0
32	51	2	50.8	2.63	66.7	2,500	175	10,000	700	630	25,0



Hydraulic Hose

SAE 100 R 13

Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 4 W/S (upto 1) or 6W/S (from 1 1/4) (Four or Six spirals of high tensile steel wire)
- 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 +257°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
16	25	1	25.4	1.51	38.3	5,075	350	20,300	1,400	340	13,4
20	32	1 1/4	32.0	1.95	49.4	5,075	350	20,300	1,400	420	16,5
24	38	1 1/2	38.0	2.23	56.7	5,075	350	20,300	1,400	500	19,7
32	50	2	51.0	2.78	70.5	5,075	350	20,300	1,400	630	24,8