



SAE 100 R14

Construction

- Inner tube : PTFE
- Reinforcement : 1 braid of 303/304 stainless steel wire

Application and Temperature Range

- PTFE hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration.
- temperature range -54°C to 260°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
3	5	3/6	4.8	0.31	7.9	2,750	190	11,000	760	50	2,00
4	6	1/4	6.4	0.37	9.4	2,610	180	10,440	720	75	3,00
5	8	5/16	8.0	0.43	10.9	2,540	175	10,160	700	100	4,00
6	10	3/8	9.6	0.49	12.5	2,390	165	9,560	660	125	5,00
7	10	13/32	10.4	0.53	13.5	2,030	140	8,120	560	135	5,40
8	12	1/2	12.7	0.64	16.2	1,740	120	6,960	480	165	6,60
10	16	5/8	15.9	0.74	18.8	1,270	88	5,080	352	200	8,00
12	19	3/4	19.2	0.90	22.9	1,010	70	4,040	280	230	9,20
14	22	7/8	22.3	1.04	26.4	870	60	3,480	240	230	9,20
16	25	1	25.4	1.15	29.2	870	60	3,480	240	300	12,00



SAE 100 R15

Construction

- Core: Oil and Water resistant Synthetic rubber
- Reinforcement : four or six high tensile steel wire spirals
- Cover : Black colour, Synthetic rubber resistant to oil, weather, Ozone and abrasion

Application and Temperature Range

- High pressure hydraulic line up to 420 bar and requires compact dia.
- for use with petroleum, synthetic or water based fluids in hydraulic systems.
- Suitable for agricultural, construction, material handling equipment and machinery.
- Temperature standards: -40°C bis + 121°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
12	20	3/4	19.1	1.26	32.2	6,090	420	24,360	1,680	224	8,8
16	25	1	25.4	1.53	38.9	6,090	420	24,360	1,680	272	10,7
20	32	1 1/4	32.0	1.96	49.8	6,090	420	24,360	1,680	440	15,7
24	38	1 1/2	38.0	2.26	57.4	6,090	420	24,360	1,680	450	17,7
32	50	2	50.0	2.80	71.2	6,090	420	24,360	1,680	650	25,6