



Thermoplastic Hose with PE-E tube

SAE 100 R7

Construction

- Core: Thermoplastic Elastomer
- Reinforcement : 1 braid of synthetic fibre
- Cover : Black colour, Pin Pricked - Polyurethane. Available twin and multi lines with different hose combination and size. Special colours and private print upon request.

Application and Temperature Range

- Medium Pressure Hydraulic Lines to 210 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Telescopic booms and Material handling equipments. Can be used for industrial gases and other applications, please consult manufacturer.
- Temperature Standards: -40°C to +100°C (not to exceed +70°C for Air and water based fluids)

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
2	3	1/8	3.2	0.32	8.2	3,000	210	12,000	840	25	1.0
3	5	3/16	4.8	0.40	10.3	3,000	210	12,000	840	25	1.0
4	6	1/4	6.4	0.49	12.4	2,750	190	11,000	760	32	1.3
5	8	5/16	8.0	0.56	14.2	2,500	175	10,000	700	45	1.8
6	10	3/8	9.6	0.62	15.7	2,250	155	9,000	620	55	2.2
8	12	1/2	12.7	0.76	19.3	2,050	140	8,200	560	77	3.1
10	16	5/8	15.9	0.91	23.1	1,500	105	6,000	420	110	4.4
12	20	3/4	19.1	1.04	26.4	1,300	90	5,200	360	140	5.6
16	25	1	25.4	1.31	33.3	1,000	70	4,000	280	200	8.0
20	32	1 1/4	32.0	1.65	42.0	1,000	70	4,000	280	300	12.0



Thermoplastic Hose with PE-E tube

SAE 100 R8

Construction

- Core: Thermoplastic Elastomer
- Reinforcement : 1 braid of aramid fibre
- Cover : Black colour, Pin Pricked - Polyurethane. Available twin and multi lines with different hose combination and size. Special colours and private print upon request.

Application and Temperature Range

- High Pressure Hydraulic Lines to 350 bar.
Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Telescopic booms and Material handling equipments. Can be used for industrial gases and other applications, please consult manufacturer.
- Temperature Standards: -40°C to +100°C (not to exceed +70°C for Air and water based fluids)

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	3/16	4.8	0.49	12.4	5,000	350	20,000	1,400	40	1.6
4	6	1/4	6.4	0.63	12.5	5,000	350	20,000	1,400	45	1.8
5	8	5/16	8.0	0.66	14.5	4,250	290	17,000	1,160	55	2.2
6	10	3/8	9.6	0.73	15.8	4,000	280	16,000	1,120	65	2.6
8	12	1/2	12.7	0.89	19.5	3,500	245	14,000	980	77	3.1
10	16	5/8	15.9	1.01	23.3	2,750	190	11,000	760	100	4.0
12	20	3/4	19.1	1.14	26.6	2,250	155	9,000	620	140	5.6
16	25	1	25.4	1.42	35.1	2,000	140	8,000	560	200	8.0