

COMPACT JACK HOSE

Construction

- Core** Thermoplastic Elastomer
- Reinforcement** One or more Braids of Aramid Fiber with one braid of steel wire
- Cover** Polyurethane, Black Colour
- Application** Very High Pressure Hydraulic Lines 1034 bar, Compact, high pressure, Light weight, high abrasion resistance and low change in length for use with petroleum, synthetic or water based fluids in Hydraulic systems mainly used for Rescue & Safety equipments, torque and tension tools, jacking and re-railing equipments, high pressure pump. Also, suitable for earthmoving and material handling equipments



ID		OD		WP		BP		BR/r	
inch	mm	inch	mm	psi	bar	psi	bar	inch	mm
1/4	6.4	0.570	14.5	15,000	1,034	43,500	3,000	1.5	38
3/8	9.5	0.775	19.7	15,000	1,034	43,500	3,000	4.0	100
1/2	12.7	0.950	24.1	15,000	1,034	36,250	2,500	7.1	180



Temperature Range: Continuous: -30°C to +70°C
Temp. not to exceed +70°C for Air and Water based fluids

MICRO BORE HOSE

Construction

- Core** Thermoplastic Elastomer
- Reinforcement** Single braid of synthetic fiber
Single braid of Aramid fiber
- Cover** Polyurethane, Black Colour, Pin pricked upon request
- Application** Very high pressure mini Hydraulic Lines 250 to 630 bar Suitable for hydraulic application, with increased resistance to abrasion for use with petroleum, synthetic or water based fluids in Hydraulic systems pressure test equipments and test points, general mini hydraulic equipments, Automotive roof and boot opening system and truck's cab lifting systems



ID		OD		WP		BP		BR/r	
inch	mm	inch	mm	psi	bar	psi	bar	inch	mm
1/8	3.2	0.256	6.5	3,600	250	14,400	1,000	0.8	20
5/64	2.0	0.197	5.0	9,100	630	27,300	1,890	0.8	20
1/8	3.2	0.236	6.0	9,100	630	27,300	1,890	1.2	30
5/32	4.0	0.315	8.0	9,100	630	27,300	1,890	1.6	40



Temperature Range:
Continuous: -40°C to +100°C
Temp. not to exceed +70°C for Air and Water based fluids

MEDIUM PRESSURE HYDRAULIC HOSE - R7

Applicable Standard: SAE 100 R7

Construction

- Core** Thermoplastic Elastomer
- Reinforcement** Single Braid of Synthetic Fiber
- Cover** Polyurethane, Black Colour, Pin pricked
- Application** Medium Pressure Hydraulic Lines 70 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, Articulating & Telescopic booms and Material handling equipments. Can be used for industrial gases and other applications



ID		OD		WP		BP		BR/r	
inch	mm	inch	mm	psi	bar	psi	bar	inch	mm
1/8	3.2	0.320	8.1	3,000	210	12,000	840	1.0	25
3/16	4.8	0.405	10.3	3,000	210	12,000	840	1.0	25
1/4	6.4	0.490	12.4	2,750	190	11,000	760	1.3	32
5/16	8.0	0.560	14.2	2,500	175	10,000	700	1.8	45
3/8	9.5	0.620	15.7	2,250	155	9,000	620	2.2	55
1/2	12.7	0.760	19.3	2,050	140	8,200	560	3.0	77
5/8	16.0	0.910	23.1	1,500	105	6,000	420	4.3	110
3/4	19.0	1.040	26.4	1,300	90	5,200	360	5.5	140
1	25.4	1.310	33.3	1,000	70	4,000	280	8.0	200
1.1/4	31.8	1.654	42.0	1,000	70	4,000	280	12.0	300