

PIRTEK PFMU 42-12 3/4" (19 mm) WP 6000 psi (420 bar) PirForm 42 • SAE J 1754/B • H

Construction

Inner Tube: Oil and heat resistant synthetic rubber.
Reinforcement: 4-6 braided high tensile steel wire. 8-32 spiraled high tensile steel wire.
Cover: Black synthetic rubber, resistant to abrasion, oil, fuel and weathering.

Application: Ultra high pressure hydraulic oil lines.

United States Coast Guard approved type H. Meets flame resistance designation MSHA 1C-111. Conforms to SAE 1754B.

Features

Will handle petroleum based hydraulic fluids, air, diesel fuels and lubricating oils.

Temperature Range

-40° F to +210° F with peaks up to 250° F.

Nominal I.D.		Type	Hose I.D.*		Wire O.D.*		Hose O.D.*		Bend* Radius	WP (PSI)
Inches	mm		Min	Max	Min	Max	Min	Max		
1/4	6.5	PFMU42-04	0.244	0.276	0.425	0.465	0.484	0.547	6	6000
3/8	9.5	PFMU42-06	0.366	0.398	0.661	0.709	0.811	0.874	7	6000
1/2	13	PFMU42-08	0.484	0.531	0.787	0.835	0.937	1.000	9	6000
5/8	16	PFMU42-10	0.610	0.657	0.921	0.976	1.091	1.154	9.5	6000
3/4	19	PFMU42-12	0.740	0.780	1.059	1.122	1.173	1.236	11	6000
1	25	PFMU42-16	0.984	1.039	1.374	1.437	1.480	1.567	14.2	6000
1 1/4	32	PFMU42-20	1.236	1.299	1.795	1.890	1.902	2.020	17.5	6000
1 1/2	38	PFMU42-24	1.484	1.547	2.091	2.185	2.197	2.315	21	6000
2	51	PFMU42-32	1.984	2.047	2.638	2.756	2.776	2.894	28	6000



Construction

Inner Tube: Extruded teflon tube.
Reinforcement: AISI 304 stainless steel single wire braid.
Application: Laundry equipment, plastic molding presses, steam and compressor discharge.

Not recommended for steam/cold water cycling.

Features

Will handle petroleum based hydraulic fluids, air, diesel fuels and lubricating oils.

Temperature Range: -65° F to +450° F

Nominal I.D.		Type	Hose O.D.* Nominal	Bend* Radius	WP (PSI)
Inches	mm				
3/16	5	100STH-03	0.32	2.8	4162
1/4	6.5	100STH-04	0.38	3.2	3335
5/16	8	100STH-05	0.44	5	3103
3/8	10.5	100STH-06	0.50	6	2654
1/2	13	100STH-08	0.63	7	2407
5/8	16	100STH-10	0.75	7.8	2001
3/4	19	100STH-12	0.89	9	1653
1	25	100STH-16	1.14	12	1000