

Air & Multi-Purpose Hose

PREMOFLEX® (Specification 3205R)



250psi Working Pressure

Nom. I.D.	Nom. O.D.	Maxi. W.P.	Suction	Min. Bend Radius	Kg. Per	Standard Pack	Part No.	Suction		Min. Bend Radius		Kg. Per		Standard Pack	
								(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	(m.)	(m.)
(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(In.)	(mm)	(m.)	(m.)	(m.)	(m.)	(m.)	(m.)
1/4	6.4	0.50	12.7	250	1.72	30.0	762	2.0	51	0.16	183	3205-0015			
5/16	7.9	0.56	14.2	250	1.72	30.0	762	2.0	51	0.15	183	3205-0020			
3/8	9.5	0.66	16.8	250	1.72	30.0	762	3.0	76	0.25	183	3205-0025			
1/2	12.7	0.85	21.6	250	1.72	25.0	635	4.0	102	0.36	183	3205-0030			
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	0.60	183	3205-0040			
1	25.4	1.47	37.3	250	1.72	10.0	254	7.9	203	0.86	107	3205-0046			
1 1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	1.07	91	3205-0049			
1 1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	1.27	76	3205-0055			

315psi Working Pressure

3/16	4.8	0.43	10.9	500	3.45	30.0	762	3.0	76	0.10	191	3219-2901
1/4	6.4	0.57	14.5	315	2.17	30.0	762	2.0	51	0.18	183	3205-0016
3/8	9.5	0.73	18.5	315	2.17	30.0	762	3.0	76	0.27	183	3205-0026
1/2	12.7	0.88	22.4	315	2.17	25.0	635	4.0	102	0.42	183	3205-0031
5/8	15.9	0.98	24.9	315	2.17	20.0	508	5.0	127	0.39	183	3205-0036
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	0.58	183	3205-0041

Recommended for:

PremoFlex is the perfect choice for multiple applications requiring a highly flexible, cost-effective hose with maximum resistance to petroleum oils, kerosene, and fuel oil (to 49°C), and lubricating oils (to 100°C).

PremoFlex can be used for transferring petrol or diesel fuels. It is also suitable for air and water applications, offers excellent weather and ozone resistance, and is nonconductive at 1000 volts D.C.

Temperature: -40°C to +100°C continuous service.

Construction:

Tube: Type C (Nitrile). Black.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type C₂ (Modified Nitrile). Red.

Couplings: Gates GLX.

Packaging: All on reels, maximum two pieces in 15m increments.

Minimum of 90% of hose reels will be 1-piece lengths.


3/16" thru 3/4": 152m to 213m reels

1": 91m to 121m reels

1 1/4": 91m reels

1 1/2": 76m reels

Branding: Continuous ink brand.

Example:  Premo Flex® Multi-Purpose 3/8 Inch(9.5mm) 250 PSI (1.72MPa) WP NONCONDUCTIVE @1000V D.C.— (1 MEGOHM/IN.) Made In U.S.A.

Standards:

Tube: RMA (Class A) High oil resistance.

Cover: RMA (Class B) Medium oil resistance.

Mil-H-2815G Section 3.12.2 off-gassing for breathing applications such as supplied air respirators, 3/16" through 3/8", 3/4" and 1" I.D.'s.

Nonconductive at 1000 volts D.C. Meets electrical resistance of one mega ohm per inch when subjected to 1000 volts D.C. Storage and use may adversely affect electrical properties.