



Industrial Hose Products/List Prices



39496-000
July 1, 2006
Supersedes 39496-000
January 17, 2005

Air and Multi-Purpose Hose

Premo Flex®

(Specification 3205R)

I.D.		O.D.		W.P.		Suction		Radius		Ft.		Standard	or Minimum	Gates	Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3/16	4.8	.45	11.2	250	1.72	30.0	762	2.0	51	.07	.03	REEL	25,000 ft.	3205-0010	\$1.27
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	REEL	X	3205-0015	1.45
1/4	6.4	.57	14.5	315	2.17	30.0	762	2.0	51	.12	.05	REEL	X	3205-0016	2.04
5/16	7.9	.56	14.2	250	1.72	30.0	762	2.0	51	.10	.05	REEL	25,000 ft.	3205-0020	1.55
5/16	7.9	.67	17.0	315	2.17	30.0	762	2.0	51	.16	.07	REEL	25,000 ft.	3205-0021	2.45
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3205-0025	1.94
3/8	9.5	.73	18.5	315	2.17	30.0	762	3.0	76	.18	.08	REEL	X	3205-0026	2.73
1/2	12.7	.85	21.6	250	1.72	25.0	635	4.0	102	.22	.10	REEL	X	3205-0030	2.59
1/2	12.7	.88	22.4	315	2.17	25.0	635	4.0	102	.24	.11	REEL	X	3205-0031	3.57
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	REEL	25,000 ft.	3205-0035	3.47
5/8	15.9	.98	24.9	315	2.17	20.0	508	5.0	127	.27	.12	REEL	X	3205-0036	4.17
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	REEL	X	3205-0040	4.26
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	50 ft.	25,000 ft.	3205-5040	4.26
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	.40	.18	REEL	X	3205-0041	5.14
1	25.4	1.47	37.3	250	1.72	10.0	254	7.9	203	.54	.25	REEL	X	3205-0046	5.65
1-1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	.67	.30	REEL	X	3205-0049	9.12
1-1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	.78	.35	REEL	X	3205-0055	10.93

RECOMMENDED FOR: Applications requiring a premium grade spiral hose with excellent flexibility and maximum resistance to air, water, petroleum oils, gasoline, kerosene and fuel oil (to 120°F) and lubricating oils (to 212°F). Excellent weather and ozone resistance.

TEMPERATURE: -40°F to +212°F (-40°C to +100°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type C₂ (Modified Nitrile). Red.

COUPLINGS: 19 (up through 1/2" only), 3 or 4, (up through 1/2" with 20 ferrules, up through 1" with bands), 1, 8, 14, 15 or 72 Gates permanent Power Crimp® couplings. Reference pages 118-128.

PACKAGING: **Minimum of 90% of hose reels will be 1-piece lengths.**
3/16" through 3/4": Packaged in 500' to 700' reels. Maximum 2 pieces in 50' increments.
1": Packaged in 300' to 400' reels. Maximum 2 pieces in 50' increments.
1-1/4": Packaged in 250' to 350' reels. Maximum 3 pieces in 25' increments.
Minimum length 50'.
1-1/2": Packaged in 200' to 300' reels. Maximum 3 pieces in 25' increments.
Minimum length 50'.
3/4" x 50': Packaged 200' per carton, each length coiled and tied.

BRANDING: Continuous ink brand. Example: "GATES® PREMO FLEX® MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP NONCONDUCTIVE @ 1000V DC (> 1 MEGOHM/IN.) MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet through 1-1/4" and 5,000 feet for 1-1/2".

REMNANT LENGTHS: None.

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. Electrical resistance is greater than one megohm per inch when subjected to 1000 volts D.C. Storage and use may adversely affect electrical properties.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

