



## Air and Multi-Purpose Hose

## Premo Flex® (Specification 3205R)

### Standard Reel Packaging

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction		Min. Bend Radius		Wt. Per Ft.		Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/16	4.8	.45	11.2	250	1.72	30.0	762	2.0	51	.07	.03	Reel	25,000 ft.	3205-0010	
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	Reel	X	3205-0015	
1/4	6.4	.57	14.5	315	2.17	30.0	762	2.0	51	.12	.05	Reel	X	3205-0016	
5/16	7.9	.56	14.2	250	1.72	30.0	762	2.0	51	.11	.05	Reel	25,000 ft.	3205-0020	
5/16	7.9	.67	17.0	315	2.17	30.0	762	2.0	51	.16	.07	Reel	25,000 ft.	3205-0021	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.17	.08	Reel	X	3205-0025	
3/8	9.5	.73	18.5	315	2.17	30.0	762	3.0	76	.18	.08	Reel	X	3205-0026	
1/2	12.7	.85	21.6	250	1.72	25.0	635	4.0	102	.22	.10	Reel	X	3205-0030	
1/2	12.7	.88	22.4	315	2.17	25.0	635	4.0	102	.28	.13	Reel	X	3205-0031	
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	Reel	25,000 ft.	3205-0035	
5/8	15.9	.98	24.9	315	2.17	20.0	508	5.0	127	.26	.12	Reel	X	3205-0036	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	Reel	X	3205-0040	
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	.40	.18	Reel	X	3205-0041	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	50 ft. Reel	25,000 ft.	3205-5040	
1	25.4	1.47	37.3	250	1.72	10.0	254	8.0	203	.54	.25	Reel	X	3205-0046	
1 1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	.67	.30	Reel	X	3205-0049	
1 1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	.85	.39	Reel	X	3205-0055	

### Exact Length 500 Foot One Piece Reels

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction		Min. Bend Radius		Wt. Per Ft.		Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	Reel	X	3205-0215	
1/4	6.4	.57	14.5	315	2.17	30.0	762	2.0	51	.12	.05	Reel	X	3205-0216	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	Reel	X	3205-0225	
3/8	9.5	.73	18.5	215	2.17	30.0	762	3.0	76	.18	.08	Reel	X	3205-0226	
1/2	12.7	.85	21.6	250	1.72	25.0	635	4.0	102	.22	.10	Reel	X	3205-0230	
1/2	12.7	.88	22.4	315	2.17	25.0	635	4.0	102	.24	.11	Reel	X	3205-0231	
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	Reel	X	3205-0235	
5/8	15.9	.98	24.9	215	2.17	20.0	508	5.0	127	.27	.12	Reel	X	3205-0236	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	Reel	X	3205-0240	
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	.40	.18	Reel	X	3205-0241	

**RECOMMENDED FOR:** Applications requiring a premium grade spiral hose with excellent flexibility and maximum resistance to air, water, petroleum oils and lubricating oils, (to 212°F). Recommended for gasoline, kerosene and fuel oil transfer only (to 120°F). Excellent weather and ozone resistance. Approved for breathing applications such as supplied air respirators.

**TEMPERATURE:** -40°F to +212°F (-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.  
**Design Factor:** 4:1

**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, 72 Gates Power Crimp®, 75 Gates GLX® or 82 Gates SS (1/4", 3/8", 1/2", 3/4" or 1" only). Reference the Hose Coupling Section.

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

**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 per size.

**REMNANT LENGTHS:** None.

**STANDARDS:** 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.

**Tube:** ARPM (Class A) High oil resistance.  
**Cover:** ARPM (Class B) Medium oil resistance.