



Air and Multi-Purpose Hose

Premo Flex® (Specification 3205R)

Standard Reel Packaging

Nom. I.D. (In.)	Ø (mm)	Nom. O.D. (In.)	Ø (mm)	Max. W.P. (psi)	(MPa)	Suction (In. Hg)	(mm Hg)	Min. Bend Radius (In.)	(mm)	Wt. Per Ft. (Lbs.)	(Kg)	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.
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.	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. (In.)	Ø (mm)	Nom. O.D. (In.)	Ø (mm)	Max. W.P. (psi)	(MPa)	Suction (In. Hg)	(mm Hg)	Min. Bend Radius (In.)	(mm)	Wt. Per Ft. (Lbs.)	(Kg)	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.
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.

ACID-CHEMICAL

AIR AND MULTI-PURPOSE

FOOD AND BEVERAGE

MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM TRANSFER

PRESSURE WASHER

STEAM

WATER

CLAMPS

COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE

