



Industrial Hose Products/List Prices



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

Air and Multi-Purpose Hose

19B Plant Master® (Specification 3219AR)

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	.43	10.9	500	3.45	30.0	762	3.0	76	.07	.03	REEL	X	3219-2901	\$2.15
1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	X	3219-2902	2.43
1/4	6.4	.62	15.8	500	3.45	30.0	762	3.0	76	.14	.06	REEL	X	3219-2903	3.18
5/16	7.9	.62	15.8	250	1.72	30.0	762	3.0	76	.13	.06	REEL	X	3219-2904	2.60
5/16	7.9	.69	17.5	500	3.45	30.0	762	3.0	76	.17	.08	REEL	X	3219-2905	3.53
3/8	9.5	.69	17.5	250	1.72	30.0	762	3.0	76	.15	.07	REEL	X	3219-2906	2.76
3/8	9.5	.75	19.1	500	3.45	30.0	762	3.0	76	.18	.08	REEL	X	3219-2907	3.90
1/2	12.7	.84	21.3	250	1.72	25.0	635	5.0	127	.20	.09	REEL	X	3219-2908	3.86
1/2	12.7	.88	22.4	500	3.45	25.0	635	5.0	127	.23	.10	REEL	X	3219-2909	5.49
5/8	15.9	.94	23.9	250	1.72	20.0	508	6.0	152	.22	.10	REEL	X	3219-2910	4.39
5/8	15.9	1.00	25.4	500	3.45	20.0	508	6.0	152	.27	.12	REEL	X	3219-2911	6.54
3/4	19.1	1.09	27.7	250	1.72	20.0	508	6.0	152	.28	.13	REEL	X	3219-2912	5.40
3/4	19.1	1.19	30.2	500	3.45	20.0	508	6.0	152	.38	.17	REEL	X	3219-2913	7.27
1	25.4	1.38	35.1	250	1.72	10.0	254	7.9	203	.41	.19	REEL	X	3219-2914	6.59
1	25.4	1.50	38.1	500	3.45	20.0	508	7.9	203	.55	.25	REEL	X	3219-2915	8.86
1-1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	.67	.30	REEL	X	3219-2916	15.01
1-1/4	31.8	1.75	44.5	500	3.45	10.0	254	10.0	254	.67	.30	REEL	5,000 ft.	3219-2917	15.65
1-3/8	34.9	1.87	47.5	250	1.72	10.0	254	10.0	254	.71	.32	REEL	5,000 ft.	3219-2918	16.48
1-3/8	34.9	1.88	47.8	500	3.45	10.0	254	10.0	254	.73	.33	REEL	5,000 ft.	3219-2919	17.20
1-1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	.78	.35	REEL	X	3219-2920	17.76
1-1/2	38.1	2.00	50.8	500	3.45	10.0	254	12.0	305	.78	.35	REEL	5,000 ft.	3219-2921	18.65

RECOMMENDED FOR: Applications requiring a premium grade braided 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.

NOTE: Not recommended for constant contact with fuels.

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: Braided, high tensile synthetic textile cord.
Cover: Type C₂ (Modified Nitrile). Red.

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

PACKAGING: 3/16" through 1/2": Packaged in 500' to 750' reels. Maximum 3 pieces. Minimum length 50'.
5/8" through 1": Packaged in 400' to 650' reels. Maximum 3 pieces. Minimum length 50'.
1-1/4" & over: Packaged in 250' to 400' reels. Maximum 3 pieces. Minimum length 50'.

BRANDING: Continuous ink brand. Example: "19B Plant Master® Multi-Purpose 3/8 Inch (9.5mm) 250 PSI (1.72MPa) WP Made in U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet.

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, through 1/2" I.D. **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.