



Air and Multi-Purpose Hose

19B Plant Master® (Specification 3219AR)

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	.43	10.9	315	3.45	30.0	762	3.0	76	.20	.09	Reel	5,000 ft.	3219-2901	
1/4	6.4	.50	12.7	315	1.72	30.0	762	3.0	76	.09	.04	Reel	X	3219-2902	
1/4	6.4	.62	15.8	500	3.45	30.0	762	3.0	76	.14	.06	Reel	5,000 ft.	3219-2903	
5/16	7.9	.62	15.8	315	1.72	30.0	762	3.0	76	.13	.06	Reel	X	3219-2904	
5/16	7.9	.69	17.5	500	3.45	30.0	762	3.0	76	.17	.08	Reel	5,000 ft.	3219-2905	
3/8	9.5	.69	17.5	315	1.72	30.0	762	3.0	76	.15	.07	Reel	X	3219-2906	
3/8	9.5	.75	19.1	500	3.45	30.0	762	3.0	76	.24	.11	Reel	5,000 ft.	3219-2907	
1/2	12.7	.84	21.3	315	1.72	25.0	635	5.0	127	.20	.09	Reel	X	3219-2908	
1/2	12.7	.88	22.4	500	3.45	25.0	635	5.0	127	.23	.10	Reel	5,000 ft.	3219-2909	
5/8	15.9	.94	23.9	315	1.72	20.0	508	6.0	152	.24	.11	Reel	X	3219-2910	
5/8	15.9	1.00	25.4	500	3.45	20.0	508	6.0	152	.27	.12	Reel	5,000 ft.	3219-2911	
3/4	19.1	1.09	27.7	315	1.72	20.0	508	6.0	152	.29	.13	Reel	X	3219-2912	
3/4	19.1	1.19	30.2	500	3.45	20.0	508	6.0	152	.38	.17	Reel	5,000 ft.	3219-2913	
1	25.4	1.38	35.1	315	1.72	10.0	254	8.0	203	.41	.19	Reel	X	3219-2914	
1	25.4	1.50	38.1	500	3.45	20.0	508	8.0	203	.55	.25	Reel	5,000 ft.	3219-2915	

NOTE: 500 PSI is cancelled and available until stock depleted.

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.

CAUTION: Not recommended for constant contact with fuels. Not recommended for Bio-Diesel fuels.

TEMPERATURE: -40°F to +212°F (-40°C to +100°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Braided, high tensile synthetic 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 brass ferrules, up through 1" with bands), 1, 14, or 15 (all sizes), 72 Gates Power Crimp[®] or 75 Gates GLX[®]. Reference the Hose Coupling Section.

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'.

BRANDING: Continuous ink brand. Example: "GATES® 19B Plant Master® Multi-Purpose 3/8" (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: 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.