



**Air and Multi-Purpose Hose**

**19B Plant Master®**  
(Specification 3219AR)

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

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	\$3.23
1/4	6.4	.50	12.7	315	1.72	30.0	762	3.0	76	.09	.04	Reel	X	3219-2902	3.65
1/4	6.4	.62	15.8	500	3.45	30.0	762	3.0	76	.14	.06	Reel	5,000 ft.	3219-2903	4.77
5/16	7.9	.62	15.8	315	1.72	30.0	762	3.0	76	.13	.06	Reel	X	3219-2904	3.90
5/16	7.9	.69	17.5	500	3.45	30.0	762	3.0	76	.17	.08	Reel	5,000 ft.	3219-2905	5.30
3/8	9.5	.69	17.5	315	1.72	30.0	762	3.0	76	.15	.07	Reel	X	3219-2906	4.14
3/8	9.5	.75	19.1	500	3.45	30.0	762	3.0	76	.24	.11	Reel	5,000 ft.	3219-2907	5.85
1/2	12.7	.84	21.3	315	1.72	25.0	635	5.0	127	.20	.09	Reel	X	3219-2908	5.79
1/2	12.7	.88	22.4	500	3.45	25.0	635	5.0	127	.23	.10	Reel	5,000 ft.	3219-2909	8.24
5/8	15.9	.94	23.9	315	1.72	20.0	508	6.0	152	.24	.11	Reel	X	3219-2910	6.59
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	9.81
3/4	19.1	1.09	27.7	315	1.72	20.0	508	6.0	152	.29	.13	Reel	X	3219-2912	8.10
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	10.91
1	25.4	1.38	35.1	315	1.72	10.0	254	8.0	203	.41	.19	Reel	X	3219-2914	9.89
1	25.4	1.50	38.1	500	3.45	20.0	508	8.0	203	.55	.25	Reel	5,000 ft.	3219-2915	13.29

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.

