



Mining Hose

500 MP Air Drill
(Specification 3618, 3618Y)

- 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

Black Cover (3618)

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.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)			
3/4	19.1	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0801
1	25.4	1.45	36.6	500	3.45	25.0	635	8.0	203	.66	.30	100 ft.	X	3618-0802
1 1/4	31.8	1.74	44.2	500	3.45	15.0	381	10.0	254	.86	.39	100 ft.	X	3618-0803
1 1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	1.00	.45	100 ft.	X	3618-0804
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.39	.63	100 ft.	X	3618-0805
2 1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.15	.98	100 ft.	X	3618-0806
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.77	1.26	100 ft.	X	3618-0807

NOTE: For 4" I.D. see 18MB.

Yellow Cover (3618Y)

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.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)			
3/4	19.1	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0808
1	25.4	1.45	36.6	500	3.45	25.0	635	8.0	203	.65	.30	100 ft.	X	3618-0809
1 1/4	31.8	1.74	44.2	500	3.45	15.0	381	10.0	254	.85	.39	100 ft.	X	3618-0810
1 1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	1.00	.45	100 ft.	X	3618-0811
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.39	.63	100 ft.	X	3618-0812
2 1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.15	.98	100 ft.	X	3618-0813
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.77	1.26	100 ft.	X	3618-0814

NOTE: For 4" I.D. see 18MB.

RECOMMENDED FOR: Heavy-duty, high pressure use on industrial, construction and pneumatic mining applications requiring wire braided hose with an oil resistant tube and abrasion resistant cover.

TEMPERATURE: -22°F to +180°F (-30°C to +82°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.

Reinforcement: Braided, high tensile steel wire.

Cover: Type C2 (Modified Nitrile). Yellow with black spiral stripe. All sizes are perforated.

Type D3 (Natural Rubber). Black with yellow spiral stripe. All sizes are perforated.

Design Factor: 4:1

COUPLINGS: 14, 15, 18, 35 or 80 Gates GSP (1 1/2" or 2" only). Reference the Hose Coupling Section.

PACKAGING: 100' length coiled in a carton.

BRANDING: Continuous transfer. Example: "GATES® 500 MP/Air Drill 3/4 INCH (19.1mm) 500 PSI (3.45MPa) WP MADE IN INDIA"

Continuous transfer. Example: "GATES® 500 MP/Air Drill 3/4 INCH (19.1mm) 500 PSI (3.45MPa) WP MSHA IC-11C MADE IN INDIA" (yellow cover only).

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 3,000 feet for 3/4" through 1 1/2" and 2,500 feet for 2" and larger.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** ARPM (Class B) Medium oil resistance.

Cover: Meets MSHA 30 CFR 18.65. Flame resistant. Yellow cover only.

