



Air and Multi-Purpose Hose

Tufflex® Plus
(Specification 7746 Silicone Free)

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.	⊖ (In.)	Nom. O.D. (In.)	⊘ (mm)	Max. W.P.* (psi)	Ⓢ (MPa)	Suction*		Min. Bend Radius		Wt. Per Ft.		Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
						(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1/4	6.4	.50	12.7	300	2.07	25.0	635	.7	18	.05	.02	Reel	X	7746-1022	\$.98
3/8	9.5	.60	15.2	300	2.07	25.0	635	1.0	25	.09	.04	Reel	X	7746-1023	1.37
1/2	12.7	.79	20.1	300	2.07	25.0	635	1.3	33	.13	.06	Reel	X	7746-1024	1.70
5/8	15.9	.92	23.4	300	2.07	20.0	508	1.8	46	.20	.09	Reel	X	7746-1025	2.13
3/4	19.1	1.07	27.2	300	2.07	15.0	381	2.5	64	.29	.13	Reel	X	7746-1026	2.57
1	25.4	1.44	36.6	200	1.38	15.0	381	3.5	89	.44	.20	Reel	X	7746-1027	4.53

NOTE: * Up through 3/4" 300 psi (2.07 MPa) at +70°F (+21°C), 250 psi (1.72 MPa) at +150°F (+66°C). For 1" 200 psi (1.38 MPa) at +70°F (+21°C), 150 psi (1.03 MPa) at 150°F (+66°C).

RECOMMENDED FOR: Multi-purpose applications including air, water (up to 150°F), mild chemicals and spray solutions at rated working pressures as listed. Suitable for in-line oilier service. Silicone free. Ideal for pneumatic tools, air service to paint equipment, coolant lines, etc. Reference Gates Chemical Resistance Table for proper hose selection.

TEMPERATURE: -15°F to +150°F (-26°C to +66°C) continuous service.

CONSTRUCTION:
Tube: Type G1 (Modified PVC). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type G1 (Modified PVC). Red. All sizes are perforated.
Design Factor: 4:1

COUPLINGS: 1/4" (up through 1/2" only), 1, 3 or 4, (up through 1/2" with 20 brass ferrules, up through 1" with bands), or 75 Gates GLX®. Reference the Hose Coupling Section.

PACKAGING: 1/4" through 5/8": Packaged on 500' reels. Maximum of 2 pieces per reel. 50' increments.
 3/4": Packaged on 600' reels. Maximum of 2 pieces per reel. 50' increments.
 1": Packaged on 400' reels. Maximum of 2 pieces per reel. 50' increments.

BRANDING: Continuous ink brand. Example: "GATES® Tufflex® Plus Multi-Purpose 1/2" (12.7mm) 300 PSI (2.07MPa) WP Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: Additional colored covers are made to order and require minimum production order quantities of 25,000 feet per size.
 Special production runs require minimum order quantities of 25,000 feet per size.

REMNANT LENGTHS: None.

