



Material Handling Hose

Master-Flex® 300 EPDM
(Specification 7744)

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)				
1	25.4	1.34	34.0	80	.55	28.0	711	4.0	102	.23	.10	100 ft.	X	7744-5201	\$4.76
1 1/4	31.8	1.61	40.9	70	.48	28.0	711	5.0	127	.30	.14	100 ft.	X	7744-5202	6.45
1 1/2	38.1	1.96	49.8	60	.41	28.0	711	6.0	152	.49	.22	100 ft.	X	7744-5203	7.23
2	50.8	2.49	63.2	60	.41	28.0	711	9.0	229	.69	.31	100 ft.	X	7744-5204	10.32
2 1/2	63.5	3.00	76.2	50	.34	28.0	711	11.0	279	.91	.41	100 ft.	X	7744-5205	15.72
3	76.2	3.60	91.4	50	.34	28.0	711	12.0	305	1.10	.50	100 ft.	X	7744-5206	19.88
4	101.6	4.69	119.1	45	.31	28.0	711	17.0	432	1.80	.82	100 ft.	X	7744-5207	33.35
6	152.4	6.86	174.2	35	.24	28.0	711	27.0	686	3.10	1.41	100 ft.	X	7744-5208	55.79

NOTE: * Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Suction and discharge applications where lightweight, flexible hose is needed for transferring mild diluted chemicals and agricultural spray and fertilizer applications. Good for septic service and transferring light abrasives. Reference Gates Chemical Resistance Table.

TEMPERATURE: -30°F to +140°F (-34°C to +60°C) continuous service.

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Polyethylene helix. Green.
Cover: Type G (PVC). Black with green helix. Corrugated.
Design Factor: 3:1

COUPLINGS: 1, 6, 7, 49 or 78. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

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

