



163SB (Air & Vapor Duct - Heavy Duty)

(Specification 4663J)

Air and Multi-Purpose Hose

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)				
3/4	19.1	1.00	25.4	20	.14	15.0	381	1.0	25	.20	.09	10 ft.	10 ft.	4663-1516	\$20.78
1	25.4	1.25	31.8	20	.14	15.0	381	1.0	25	.26	.12	10 ft.	10 ft.	4663-1518	22.32
1 1/4	31.8	1.50	38.1	20	.14	15.0	381	1.0	25	.34	.15	10 ft.	10 ft.	4663-1530	24.48
1 3/8	34.9	1.63	41.4	15	.10	15.0	381	1.5	38	.44	.20	10 ft.	10 ft.	4663-3321	25.22
1 1/2	38.1	1.75	44.5	15	.10	15.0	381	1.5	38	.48	.22	10 ft.	10 ft.	4663-1540	25.74
1 5/8	41.3	1.88	47.8	15	.10	15.0	381	1.8	46	.51	.23	10 ft.	10 ft.	4663-1543	26.85
1 3/4	44.5	2.00	50.8	15	.10	15.0	381	1.8	46	.54	.25	10 ft.	10 ft.	4663-3954	27.48
1 7/8	47.6	2.13	54.1	15	.10	15.0	381	1.8	46	.58	.26	10 ft.	10 ft.	4663-1548	28.35
2	50.8	2.25	57.2	15	.10	15.0	381	2.0	51	.60	.27	10 ft.	10 ft.	4663-1550	29.16
2 1/8	54.0	2.40	61.0	10	.07	15.0	381	2.5	64	.63	.29	10 ft.	10 ft.	4663-3461	30.27
2 1/4	57.2	2.50	63.5	10	.07	15.0	381	2.5	64	.67	.30	10 ft.	10 ft.	4663-1556	31.53
2 3/8	60.3	2.63	66.8	10	.07	15.0	381	2.5	64	.71	.32	10 ft.	10 ft.	4663-1560	32.30
2 1/2	63.5	2.75	69.9	10	.07	15.0	381	2.5	64	.74	.34	10 ft.	10 ft.	4663-1565	33.21
2 5/8	66.7	2.88	73.2	10	.07	15.0	381	3.0	76	.78	.35	10 ft.	10 ft.	4663-1615	34.56
2 3/4	69.9	3.00	76.2	10	.07	15.0	381	7.0	178	.81	.37	10 ft.	10 ft.	4663-3456	35.87
3	76.2	3.25	82.6	10	.07	7.0	178	10.0	254	.88	.40	10 ft.	10 ft.	4663-1570	37.41
3 1/8	79.4	3.35	85.1	10	.07	7.0	178	10.0	254	.92	.42	10 ft.	10 ft.	4663-1569	38.72
3 1/2	88.9	3.75	95.3	10	.07	7.0	178	10.0	254	1.01	.46	10 ft.	10 ft.	4663-1575	40.64
4	101.6	4.25	108.0	10	.07	7.0	178	12.0	305	1.15	.52	10 ft.	10 ft.	4663-1580	45.17
4 1/2	114.3	4.75	120.7	10	.07	7.0	178	12.0	305	1.25	.57	10 ft.	10 ft.	4663-1589	74.10
5	127.0	5.25	133.4	10	.07	6.0	152	12.0	305	1.40	.64	10 ft.	10 ft.	4663-1595	80.40
5 1/2	139.9	5.75	146.1	10	.07	6.0	152	12.0	305	1.52	.69	10 ft.	10 ft.	4663-3454	85.95
6	152.4	6.25	158.8	8	.06	6.0	152	15.0	381	1.70	.77	10 ft.	10 ft.	4663-1599	91.79

RECOMMENDED FOR: Heavy-duty heating and ventilating applications, such as air intake for butane conversion units, air and heater ducts, defroster lines, air cleaner connections to carburetor, exhaust ducts, vent lines for trailer sewers and drains.

CAUTION: Not recommended for conveying liquids.

TEMPERATURE: -30°F to +250°F (-34°C to +121°C) continuous service.

CONSTRUCTION: **Tube:** Type A (Neoprene). Black. Oil and heat resistant.
Reinforcement: Single ply of synthetic fabric with two built-in helical wires.
Cover: Type A (Neoprene). Black. Oil and heat resistant.
Design Factor: 4:1

PACKAGING: 10' per carton.

BRANDING: Printed patch label every 2 feet with I.D. only.

SPECIAL ORDER REQUIREMENTS: For enlarged or straight ends, contact Gates Corporation for pricing. Special production runs require minimum order quantities of one piece. Lengths can be as short as one foot, but minimum billing is ten feet.

REMNANT LENGTHS: None.

