

TT-Series Material Transfer Tubes

Doc. No. 13600163A



The TT Series Transfer Tubes offer a simple, effective, and low cost solution to perform an inline transfer of small or complex shaped objects, bulk material, and powders.

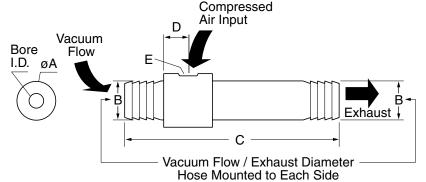
Highly efficient and compact, the TT Series creates an instantaneous and adjustable vacuum flow that is powered by compressed air. The straight-through, smooth bore design allows material to pass directly through the pump at high speeds without clogging. These transfer tubes are made of anodized aluminum and are available in 4 standard models with inside diameters from 3/8" (9.5mm) to 1" (25.4mm).

Features

Applications

- Instant on/off flow & quick setup
- No O-ring, gaskets, or flap valves
- Maintenance-free operation/no down time
- · Compact size
- Safe operation
- · No electricity at pump
- No heat generated
- Explosion proof

- Pneumatic conveying
- Hopper loading
- · Bulk loading
- Dust removal
- · Trim waste removal



Part Number	TT03	TT05	TT07	TT10
Bore I.D. [in. (mm)]	0.375 (9.5)	0.500 (12.7)	0.750 (19.1)	1.00 (25.4)
*Air Usage [SCFM (I/min.)]	10 (283)	24 (680)	48 (1359)	48 (1359)
*Output [SCFM (I/min.)]	15 (425)	30 (850)	60 (1699)	95 (2690)
Maximum Vacuum [in. hg (mm hg)]	6 (152)	6 (152)	8 (203)	6 (152)
Velocity [ft/sec (m/sec)]	395 (120)	360 (110)	325 (99)	290 (88)
A Overall Diameter [in. (mm)]	1.25 (31.8)	1.50 (38.1)	2.00 (50.8)	2.25 (57.2)
B Barb Size [in. (mm)]	0.75 (19.1)	1.00 (25.4)	1.25 (31.8)	1.50 (38.1)
C Approximate Overall Length [in. (mm)]	3.75 (95.3)	5.75 (146.1)	8.00 (203.2)	8.00 (203.2)
D Port Location [in. (mm)]	0.50 (12.7)	0.63 (15.9)	1.00 (25.4)	1.00 (25.4)
E Inlet Port Size	G 1/8"	G 1/4"	G 1/4"	G 1/4"
Optional Clamp Mount	CLAMP20P	CLAMP25P	CLAMP32P	CLAMP40P

^{*} Air usage and output are based on an input pressure of 80 PSIG.