



# Air Flow Tubing

## Application

Cleveland Controls offers various types of standard tubing for use in connecting an air sample probe to an air flow sensing switch. Different tubing specifications meet application requirements for temperature and flexibility.

### Type 1: Standard Flexible, Transparent Vinyl Tubing, Stock No. 25781

This odorless, tasteless, vinyl tubing in a special non-toxic formulation of the highest polyvinyl chloride and special plasticizers without extenders or fillers. It offers clear-water transparency and absolute flexibility with dimensional stability. This tubing can be steam sterilized. It is an ideal tubing for many applications in the laboratory and in chemical and industrial plants. Working temperature range is 0 to 180 F. 68 Durometer. FDA, USDA, NSF, and UL94HB approved.

ID	OD	WALL
1/4"	3/8"	1/16"
0.25"	0.375"	0.125"

### Type 2: High Temperature, Flexible, Red Silicone Rubber Tubing, Stock No. 28076

This tubing is excellent for environments with wide temperature ranges. It weathers well, resists ultraviolet radiation, ozone, gases, and moisture. Odorless, tasteless, and FDA-approved, it is ideal for food applications. Hardness rating is Durometer Shore A 50 ±5, medium. This tubing is not recommended for most concentrated solvents, acids, oils, or diluted sodium hydroxide. Temperature range is -80 to +450 F. Meets Specifications of ZZ-R-765D, Class 2A and ASTM D-2000 M1FC 507. Full coil length is 50 feet; please order lengths up to full coil in 5-ft increments.

ID	OD	WALL
1/4"	3/8"	1/16"
0.25"	0.375"	0.125"

### Type 3: Semi-rigid Polyethylene Tubing, for use with Compression Fitting, Stock No. 18747

This is an economical thermoplastic tubing, excellent for environments where lower temperatures and pressures are involved. ASTM D-1248, Type 1, Class A, Category 4 Federal Specification LP-390C, Type 1, Class L, Grade 2, Category 4.

ID	OD	WALL
17/100"	1/4"	1/25"
0.17"	0.25"	0.125"

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