



# Flex-Tube® FlexStat®

Specially formulated clear static dissipative thermoplastic polyurethane hose reinforced with a rigid black external ABS helix & an embedded copper braided grounding wire.

## APPLICATIONS:

### F

#### Fume

- Laboratory
- Industrial
- Automotive
- Painting
- Welding
- Soldering
- Plating

### D

#### Dust

- Filtering
- Movement
- Exhaust
- Duct Cleaning
- Textile Fiber Collection
- Vacuum Cleaning
- Lint Collection
- Loading (containment)
- Cutting

### M

#### Materials

- Lightweight Material Handling
- Shavings
- Chips
- Powders
- Debris
- Leaf Collection
- Street Sweeping
- Lawn Vacuum
- Slurries
- Sawdust Collection
- Drains
- Packing Popcorn

## FEATURES:

- Extremely flexible with great abrasion resistance
- Smooth interior assures minimal friction loss, efficient air flow & elimination of material build-up
- Enclosed copper braided grounding wire reduces static build-up in material handling applications
- Permanent and non-humidity dependent ESD (electrostatic discharge) protection
- Ideal for plastic pellet & powder transfer applications
- Surface Resistivity Level:  $10^8$ - $10^{10}$  Ohms/Square
- Manufactured with FDA acceptable materials
- Wall Thickness = .040"
- Static conductive cuffs available

## MARKET APPLICATIONS:

CNC Routers, Concrete Floor Cleaning, Food Grade, Granule Transport, Industrial Vacuum Cleaners, Injection Molding, Plastic Pellet Transfer, Powder & Bulk, Silica Dust, Static Control, Wood Floor Cleaning, Woodworking/Furniture Industry

## ENGINEERING & TECHNICAL DATA - Flex-Tube® FlexStat®

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
3641010025 3641010050	1"	25 ft 50 ft	0.17	.032	1.5"	1:1	29	50
3641012525 3641015025	1.25"	25 ft 50 ft	0.21	.040	1.9"	1:1	29	50
3641015025 3641015050	1.5"	25 ft 50 ft	0.24	.040	2"	1:1	29	50
3641020025 3641020050	2"	25 ft 50 ft	0.3	.040	2.5"	1:1	29	50
3641025025 3641025050	2.5"	25 ft 50 ft	0.5	.040	5"	1.5:1	28	35

(continued.....)



## Flex-Tube® FlexStat® (continued)

### ENGINEERING & TECHNICAL DATA - Flex-Tube® FlexStat®

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
3641030025 3641030050	3"	25 ft 50 ft	0.55	.040	5.5"	1.5:1	26	32
3641040025 3641040050	4"	25 ft 50 ft	0.75	.040	6"	1.5:1	22	30
3641050025 3641050050	5"	25 ft 50 ft	1	.045	7"	1.5:1	18	28
3641060025 3641060050	6"	25 ft 50 ft	1.25	.045	7.75"	1.5:1	12	26
3641070025 3641070050	7"	25 ft 50 ft	1.5	.045	10"	1.5:1	11	25
3641080025 3641080050	8"	25 ft 50 ft	1.75	.045	12"	1.5:1	10	24

Technical data based on 2 ft. straight lengths of hose @ 72°F

**Construction:** Specially formulated clear static dissipative thermoplastic polyurethane hose reinforced with a rigid black external ABS helix & an embedded copper braided grounding wire.

**Temperature Range:** -40°F to 200°F

**Standard Color:** Clear Wall with Black Helix

**Standard Lengths:** 25 & 50 Feet

- **Surface Resistivity Level:**  $10^8$ - $10^{10}$  Ohms/Square

Disclaimer: The proper use and maintenance of hose and/or ducting manufactured by Flexaust is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible.