



Flex-Tube® FlexStat® CR

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

APPLICATIONS:



Fume

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



Dust

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



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 vs. heavy walled PVC
- 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 clean room and pharmaceutical applications, powder processing and pneumatic conveying systems
- Surface Resistivity Level: 10⁸-10¹⁰ Ohms/Square
- Manufactured with FDA acceptable materials
- Wall Thickness = .040"
- Static conductive cuffs available

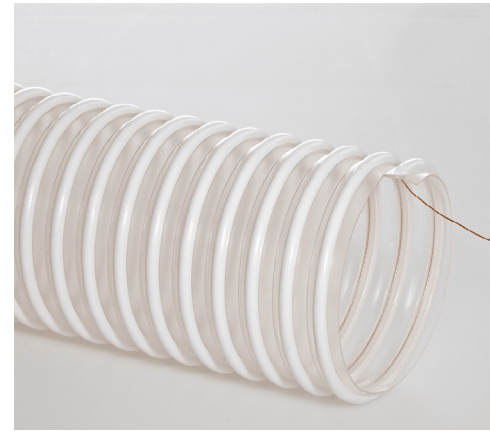
MARKET APPLICATIONS:

Clean Rooms, Food Grade, Pharmaceutical, Plastic Pellet Transfer, Powder & Bulk, Static Control

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

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
3644010025 3644010050	1"	25 ft 50 ft	0.17	.032	1.5"	1:1	29	50
3644012525 3644012550	1.25"	25 ft 50 ft	0.21	.040	1.9"	1:1	29	50
3644015025 3644015050	1.5"	25 ft 50 ft	0.24	.040	2"	1:1	29	50
3644020025 3644020050	2"	25 ft 50 ft	0.3	.040	2.5"	1:1	29	50
3644025025 3644025050	2.5"	25 ft 50 ft	0.5	.040	5"	1.5:1	28	35

(continued.....)



Flex-Tube® FlexStat® CR (continued)

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

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
3644030025 3644030050	3"	25 ft 50 ft	0.55	.040	5.5"	1.5:1	26	32
3644040025 3644040050	4"	25 ft 50 ft	0.75	.040	6"	1.5:1	22	30
3644050025 3644050050	5"	25 ft 50 ft	1	.045	7"	1.5:1	18	28
3644060025 3644060050	6"	25 ft 50 ft	1.25	.045	7.75"	1.5:1	12	26
3644070025 3644070050	7"	25 ft 50 ft	1.5	.045	10"	1.5:1	11	25
3644080025 3644080050	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 white external ABS helix and an embedded copper braided grounding wire.

Temperature Range: -40°F to 200°F

Standard Color: Clear Wall with White Helix

Standard Lengths: 25 & 50 Feet

- **Surface Resistivity Level:** 10⁸-10¹⁰ 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.