



# Flexadux PU® Flix-Thane® SD

Medium weight clear static dissipative polyurethane hose reinforced with a bronze coated steel wire helix.

## APPLICATIONS:

### A

#### Air

- Heating or Cooling
- Drying
- Dehumidification
- Cleaning
- Dust Cover
- Supply
- Connectors
- Air Filter Intakes

### 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:

- Great abrasion resistance & high tear strength
- Superior chemical resistance & excellent flexibility
- Designed for applications with wide temperature ranges
- Ideal for clean rooms and material plastic processing applications
- Permanent and non-humidity dependent ESD (electrostatic discharge) protection
- Surface resistivity level:  $10^8$ - $10^{10}$  Ohms/Square
- Clear is manufactured with FDA acceptable materials
- Wall Thickness = .030"
- Available with factory-installed 2" clear soft cuffs
- Black available

## MARKET APPLICATIONS:

Clean Rooms, CNC Routers, Dust Collection Hoses, Fertilizer Broadcasting, Food Grade, Glass Clinching, Granule Transport, Material Handling, Paint Spray Extraction, Plastics Industry, Powder & Bulk, Sand Blasting, Shredders, Silica Dust, Static Control, Ultra Violet Dryers, Woodworking/Furniture Industry

## ENGINEERING & TECHNICAL DATA - Flexadux PU® Flix-Thane® SD

Item #	Inside Diameter (ID)	Hose Color	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
8281020025 8281020050	2"	Clear	25 ft 50 ft	0.25	.030	2"	3:1	29	30
8281025025 8281025050	2.5"	Clear	25 ft 50 ft	0.32	.030	2.5"	3:1	29	30
8281030025 8281030050	3"	Clear	25 ft 50 ft	0.4	.030	3"	3:1	29	29
8281040025 8281040050	4"	Clear	25 ft 50 ft	0.7	.030	4"	3:1	29	25

(continued.....)



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(continued)

## ENGINEERING & TECHNICAL DATA - Flexadux PU<sup>®</sup> Flex-Thane<sup>®</sup> SD

Item #	Inside Diameter (ID)	Hose Color	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
8281050025 8281050050	5"	Clear	25 ft 50 ft	0.9	.030	5"	3:1	17	22
8281060025 8281060050	6"	Clear	25 ft 50 ft	1	.030	6"	3:1	15	19
8281080025 8281080050	8"	Clear	25 ft 50 ft	1.5	.030	8"	3:1	9	14
8281100025 8281100050	10"	Clear	25 ft 50 ft	1.6	.030	8"	3:1	4	11
8281120025 8281120050	12"	Clear	25 ft 50 ft	2	.030	10"	3:1	2.2	10

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

**Construction:** Medium weight clear static dissipative polyurethane hose reinforced with a bronze coated spring steel wire helix.

**Temperature Range:** -65°F to 200°F

**Standard Color:** Clear

**Standard Lengths:** 25 & 50 Feet

- **Surface Resistivity Level:** 10<sup>8</sup>-10<sup>10</sup> 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 applicaiton make firm recommendations impossible.