



Flexadux PU® Flx-Thane® SDX-20

Self-extinguishing very light weight static dissipative clear polyurethane hose reinforced with a bronze coated spring steel wire helix.

APPLICATIONS:



Air

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



Fume

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



Dust

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



UL 94V-2 Listed

FEATURES:

- Lighter weight & more economical alternative to heavier polyurethane hoses
- Halogen-free
- Great compressibility
- Great abrasion resistance
- Superior chemical resistance
- Excellent flexibility
- Surface resistivity level: 10^8 - 10^{10} Ohms/Square
- Listed as UL 94V-2 flame retardant
- Manufactured with FDA acceptable materials
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .020"
- Available with factory-installed 2" soft cuffs
- Lengths=25', 50' (15" & above in 25' only)

MARKET APPLICATIONS:

Aluminum Refractory, Abrasion Resistant Applications, Dust Collection Hoses, Static Control, Woodworking/Furniture Industry, Ultra Violet Dryers, Flame Retardant, Textile Fiber Collection, Oil Mist Extraction, Sheet Metal, Food Grade, Printing, Insulation Blowing & Removal, Vapor Recovery, Paint Spray Extraction, Cold Air Supply, Hull Sanding Equipment, Cyclone Dust Separator

ENGINEERING & TECHNICAL DATA - Flexadux PU® Flx-Thane® SDX-20

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
8332020025 8332020050	2"	25 ft 50 ft	0.25	.015	2"	3:1	29	30
8332025025 8332025050	2.5"	25 ft 50 ft	0.35	.020	2.75"	4:1	29	30
8332030025 8332030050	3"	25 ft 50 ft	0.4	.020	3.25"	4:1	29	30
8332040025 8332040050	4"	25 ft 50 ft	0.5	.020	3.75"	4:1	24	22

(continued.....)



Flexadux PU® Flx-Thane® SDX-20 (continued)

ENGINEERING & TECHNICAL DATA - Flexadux PU® Flx-Thane® SDX-20

Item #	Inside Diameter (ID)	Length	Approx. Weight (lbs/ft)	Wall Thickness	CL Bend Radius	Compression Ratio	Negative Pressure (in/Hg)	Working Pressure (PSI)
8332050025 8332050050	5"	25 ft 50ft	0.6	.020	4.5"	4:1	13	18
8332060025 8332060050	6"	25 ft 50 ft	0.7	.020	5.25"	4:1	8	15
8332070025 8332070050	7"	25 ft 50 ft	0.8	.020	5.88"	5:1	8	10
8332080025 8332080050	8"	25 ft 50 ft	0.9	.020	6.5"	5:1	2	7
8332090025 8332090050	9"	25 ft 50 ft	1	.020	7"	5:1	2	7
8332100025 8332100050	10"	25 ft 50 ft	1.2	.020	7.5"	5:1	2	7
8332120025 8332120050	12"	25 ft 50 ft	1.4	.020	9"	5:1	1.7	6
8332140025	14"	25 ft	1.6	.020	12"	5:1	1.1	5
8332160025	16"	25 ft	1.8	.020	14"	5:1	0.7	4.6
8332180025	18"	25 ft	2	.020	16"	5:1	0.5	4.1

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

Construction: Self-extinguishing very light weight static dissipative clear 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: 10^8 - 10^{10} Ohms/Square
- Listed as UL 94V-2 flame retardant

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.