



# Flexadux PU® Flix-Thane® HD

Heavy weight clear or black polyurethane hose reinforced with a bronze coated spring steel wire helix.

## APPLICATIONS:



### 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 severe service applications
- Very good low temperature flexibility
- Clear is manufactured with FDA acceptable materials
- Great moisture & UV resistance
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .035" (2" to 3 1/2" ID), .045" (4" ID & above)
- Available with factory-installed 2" black soft cuffs
- Translucent blue available
- Standard Max. Inside Diameter = 18", consult sales team for pricing & minimums on larger sizes

## MARKET APPLICATIONS:

Abrasion Resistant Applications, Agricultural, Bridge Cleaning Filtering, Concrete Transport, Conduit, Cotton Picking, Fertilizer Broadcasting, Food Grade, Foundry Sand Transfer, Glass Clinching, Granule Transport, Grinders, Hull Sanding Equipment, Lawn & Leaf Collection, Material Handling, Off-Road, Paper Mills, Paper Trim Conduit, Peat Moss Vacuum, Plastic Pellet Transfer, Powder & Bulk, Sand & Gravel Suction, Sand Blasting, Shredders, Sprayers, Starch Transfer, Straw Blowing, Street & Parking Lot Sweepers, Suction, Woodworking/Furniture Industry

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

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)
8391020025 8551020025	2"	Clear Black	25 ft	0.35	.035	2"	2:1	29	32
8391025025 8551025025	2.5"	Clear Black	25 ft	0.45	.035	2.5"	2:1	29	32
8391030025 8551030025	3"	Clear Black	25 ft	0.55	.035	3"	2:1	29	32
8391035025 8551035025	3.5"	Clear Black	25 ft	0.75	.035	3.5"	2:1	29	32

(continued.....)



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manufacturing solutions



## Flexadux PU<sup>®</sup> Flx-Thane<sup>®</sup> HD (continued)

### ENGINEERING & TECHNICAL DATA - Flexadux PU<sup>®</sup> Flx-Thane<sup>®</sup> HD

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)
8391040025 8551040025	4"	Clear Black	25 ft	0.9	.045	3.5"	2:1	29	30
8391050025 8551050025	5"	Clear Black	25 ft	1.1	.045	4"	2:1	17	30
8391060025 8551060025	6"	Clear Black	25 ft	1.2	.045	5"	2:1	15	24
8391070025 8551070025	7"	Clear Black	25 ft	1.4	.045	7"	2:1	12	22
8391080025 8551080025	8"	Clear Black	25 ft	1.7	.045	8"	2:1	9	20
8391100025 8551100025	10"	Clear Black	25 ft	1.9	.045	9"	2:1	4	17
8391120025 8551120025	12"	Clear Black	25 ft	2.4	.045	11"	2:1	2.5	14
8391140025 8551140025	14"	Clear Black	25 ft	3.2	.045	13"	2:1	3.5	12
8391160025 8551160025	16"	Clear Black	25 ft	3.7	.045	15"	2:1	2.5	11
8391180025 8551180025	18"	Clear Black	25 ft	4.1	.045	17"	2:1	1.5	10

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

**Construction:** Heavy weight black or clear polyurethane hose reinforced with a bronze coated spring steel wire helix.

**Temperature Range:** -65°F to 200°F

**Standard Color:** Clear or Black

**Standard Lengths:** 25 Feet

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.