



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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Flexadux PU[®] Flx-Thane[®] HD (continued)

ENGINEERING & TECHNICAL DATA - Flexadux PU[®] Flx-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) |
|--------------------------|----------------------|----------------|--------|-------------------------|----------------|----------------|-------------------|---------------------------|------------------------|
| 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.