

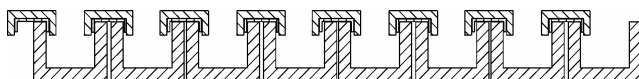


ENGINEERING AND TECHNICAL DATA

Genesis® Commercial

March 2007

Construction: Polyethylene copolymer hose reinforced with an integral polyethylene helix



Product Features:

- " Double profile I-Helix construction for easy movement on surfaces
- " For industrial & commercial vacuum applications
- " Crush resistant
- " Excellent flexing characteristics
- " Superior abrasion resistance
- " Smooth interior assures efficient air flow
- " All sizes handle a full vacuum
- " Cuffs available

Applications: Recommended for light bulk material handling applications.

Temperature Range: -40°F to 140°F

Diameter Range (Inches I.D.): 1.25, 1.50, 2.00, 2.50, 3.00, and 4.00 Inch I.D.

Standard Length: 25 & 50 Feet

I.D. Tolerances (Inches): -0.00 to +0.050 Inch

Standard Color: Gray and Black

End Finish: Plain Cut (cuffs available)

Markets: "Abrasion Resistance "Agricultural "Air Duct Cleaning "Aluminum Refractory "Auto Tellers "Bilge Pump Hose "Car Wash "Carpet Cleaning "Conduit Applications "Duct Cleaning "Fertilizer Broadcasting "Furnace Duct Cleaning "Household Vacuum Cleaners "Industrial Vacuum Cleaners "Marine Sanitation Hose "Paper Trim Conduit "Peat Moss Vacuum "Pet Grooming Equipment "Plastic Bag Machines "Printing "Pumper "Sewer & Waste "Sprayers "Starch Transfer "Suction Hose "Wave Pool Blowers



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SIZE INSIDE DIMENSION (INCHES)	APPROXIMATE WEIGHT (LBS./FT.)	MINIMUM CENTERLINE BEND RADIUS (INCHES)	COMPRESSION RATIO	MAXIMUM RECOMMENDED NEGATIVE PRESSURE (IN./HG.)	MAXIMUM RECOMMENDED POSITIVE PRESSURE (PSI)
1.25	.2	2.4	N/A	29	20
1.5	.28	2.75	N/A	29	16
2	.42	4.25	N/A	29	15
2.5	.53	5	N/A	29	14
3	.65	7.5	N/A	29	9
4	1	9.5	N/A	29	8

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

Disclaimer: The proper use and maintenance of hose and/or duct 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. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all Flexaust products and we welcome comments and suggestions from our customers.



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