



ENGINEERING AND TECHNICAL DATA

Genesis® Mark 2

March 2007

Construction: Medium weight polyethylene hose reinforced with a translucent integral polyethylene helix



Product Features:

- " Ideal for insulation blowing applications
- " Easy to handle
- " Translucent walls offer easy monitoring of material flow and blockage
- " Convoluted interior design creates efficient air flow that aerates insulation materials & increases machine efficiency with regard to coverage & density
- " Crush resistant
- " Manufactured with FDA acceptable materials
- " Available with different color helixes to match OEM equipment

Applications: Recommended for light bulk material handling applications.

Temperature Range: -40°F to 140°F

Diameter Range (Inches I.D.): 1.50, 2.00, 2.50, 3.00, 3.50, and 4.00 Inch I.D.

Standard Length: 25 & 50 Feet

I.D. Tolerances (Inches): 1.5, 2, and 2.5 Inch: -0.00 to +0.025 Inch
3, 3.5, and 4 Inch: -0.00 to +0.036 Inch

Standard Color: Clear

End Finish: Plain Cut

Markets: "Agricultural "Clean Rooms "Fertilizer Broadcasting "Food Grade "Insulation Blowing
"Pharmaceutical "Shredders



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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)
1.5	.18	2.2	N/A	29	16
2	.23	3.5	N/A	29	14
2.5	.35	4	N/A	14	13.5
3	.42	5	N/A	9	12
3.5	.45	6	N/A	6	11
4	.55	6.25	N/A	4	10

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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