



ENGINEERING AND TECHNICAL DATA

Genesis® GPE

March 2007

Construction: Light weight polyethylene hose reinforced with an integral polyethylene helix



Product Features:

- " Suited for low pressure air movement & fume extraction
- " Excellent for light vacuum applications
- " Light weight & very flexible
- " Economical choice for woodworking & dust collection applications
- " Moderate abrasion resistance
- " Crush resistant

Applications: Recommended for industrial air movement and fume control applications.

Temperature Range: -40°F to 140°F

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

Standard Length: 25 & 50 Feet

I.D. Tolerances (Inches): -0.00 to +0.035 Inch

Standard Color: Black

End Finish: Plain Cut

Markets: "A/C Ventilation "Bilge Pump Hose "Bus "Cab Ventilation "Circuit Board Cooling
"Defroster/Heater Hose "Dust Collection "Electronic Panel Cooling "Insulation Blowing "Limo A/C Duct
"Pipe Organs "Printing "Stereo Speakers "Woodworking/Furniture Industries



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(Page 2)

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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)
2	.18	2.5	N/A	29	19
2.5	.22	3	N/A	16	11
3	.27	4	N/A	10	11
4	.36	7	N/A	8	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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