

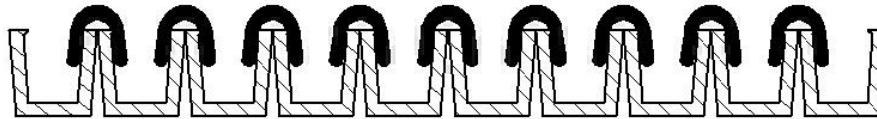


ENGINEERING AND TECHNICAL DATA

Genesis® Flx Plus

December 2009

Construction: Polyethylene copolymer hose reinforced with an integral polyethylene helix



Product Features:

- Light weight & flexible even at low temperatures
- Tight bending characteristics
- High abrasion resistance
- Wet or dry vacuum in car wash, commercial & industrial applications
- Crush resistant
- Smooth interior assures efficient air flow
- Very good chemical resistance
- All sizes handle a full vacuum

Applications: Recommended for light bulk material handling applications.

Temperature Range: -40°F to 140°F

Diameter Range (Inches I.D.): 1.00, 1.25, 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): -0.00 to +0.050 Inch

Standard Color: Gray

End Finish: Plain Cut (cuffs available)

Markets: •Abrasion Resistance •Car Wash •Conduit Applications •Industrial Vacuum Cleaners
•Insulation Blowing •Paper Trim Conduit •Peat Moss Vacuum •Pet Grooming Equipment



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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	.16	1.5	N/A	29	22
1.25	.19	2	N/A	29	20
1.5	.22	2.5	N/A	29	18
2	.3	3.5	N/A	29	15
2.5	.35	4.5	N/A	15	11
3	.45	6	N/A	10	7
3.5	.5	7.5	N/A	9	6
4	.60	9	N/A	3	5

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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