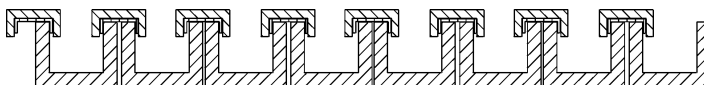




**ENGINEERING AND TECHNICAL DATA**  
**Genesis® STM**  
**March 2007**

**Construction:** Polyethylene copolymer hose reinforced with an integral polyethylene helix



**Product Features:**

- Double profile I-Helix construction for easy movement on surfaces
- Ideal for both truck-mounted & portable carpet cleaning units
- Very flexible
- Superior abrasion resistance
- Crush resistant
- Designed to resist corrosion caused by the combination of hot water & chemical concentration of detergents
- All sizes handle a full vacuum
- Smooth interior assures efficient air flow
- Made with factory-installed polyweld cuffs

**Applications:** Recommended for light bulk material handling applications.

**Temperature Range:** -40°F to 160°F

**Diameter Range (Inches I.D.):** 1.50 and 2.00 Inch I.D.

**Standard Length:** 25 & 50 Feet

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

**Standard Color:** Orange and Blue

**End Finish:** Factory-installed polyweld cuffs standard on each end

**Markets:** •Abrasion Resistance •Agricultural •Air Duct Cleaning •Carpet Cleaning •Fertilizer Broadcasting •Household Vacuum Cleaners •Marine Sanitation Hose •Paper Trim Conduit •Pumper •Sewer & Waste •Sprayers •Suction Hose



**A SCHAUBURG HOSE TECHNOLOGY COMPANY**

1510 Armstrong Road, P.O. Box 4275  
Warsaw, IN 46581-4275

Telephone 574-267-7909 • Toll Free 800-343-0428 • Fax 574-269-7491 • Toll Free Fax 800-382-8464  
sales@flexaust.com • www.flexaust.com



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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	.29	2.75	N/A	29	16
2	.44	4.25	N/A	29	15

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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