

Material Safety Data Sheet (MSDS)

Section I - Product Information

Date: February 2, 2004

Product Name

Polyolefin compounds

Trademark

Commercial, STM, Tigertail, GPE, Mk-II,
DPZ, DGB, Flex-plus, Uniloop, K-Hose &
Conductive DPZ, Pliaduct

Section II - Hazardous Ingredients

Name

CAS #

1. OSHA: These products are not considered hazardous under Hazard Communication Standard 29 CFR part 1910.1200.
2. SARA Title III: These products contain no known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372

Section III - Health Hazard Data

Threshold Limit Value: N/A – considered to be physiologically inert.

Effects of Overexposure: N/A

Emergency and First Aid Procedures: N/A

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A

Extinguishing Media: Water spray, foam, CO₂, Dry Chemical

Special Fire-fighting Procedures: Use self contained breathing apparatus.

Burning will produce irritating vapors and dense smoke (Hydrogen chloride, CO, CO₂)

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Section V - Physical Data

Appearance and Odor: Durable, semi-gloss, non-porous surface inside and out.
No objectionable odor.

Solubility in Water: Insoluble

Section VI - Reactivity Data

Stability: Stable

Conditions to Avoid: temperatures ≥ 297 C (572 F)

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: In case of forced burning: CO, CO₂, HCl

Section VII - Disposal

Waste Disposal: Dispose in landfill or incinerate in accordance with local, state, and federal regulations.

Section VIII - Special Protection Information

PPE: Eye protection - Safety glasses are suggested

Handling and Storage: Keep away from high heat and flame.

Section IX - Disclaimer

This information is furnished without warranty expressed or implied except that it is accurate to the best knowledge of The Flexaust Company Inc. Data on this sheet relates only to the specific compound designation indicated. The Flexaust Company Inc. assumes no legal responsibility for use or reliance upon these data.

ENGINEERING & TECHNICAL DATA — Genesis® Flex Plus

INSIDE DIAMETER (IN)	APPROX. WEIGHT (LBS/FT)	WALL THICKNESS (IN)	CL BEND RADIUS (IN)	COMPRESSION RATIO	NEGATIVE PRESSURE (IN/HG)	WORKING PRESSURE (PSI)
1	.16	N/A	1.5	N/A	29	22
1.25	.19	N/A	2	N/A	29	20
1.5	.22	N/A	2.5	N/A	29	18
2	.3	N/A	3.5	N/A	29	15
2.5	.35	N/A	4.5	N/A	15	11
3	.45	N/A	6	N/A	10	7
3.5	.5	N/A	7.5	N/A	9	6
4	.6	N/A	9	N/A	3	5

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

Construction: Polyethylene copolymer hose reinforced with an integral polyethylene helix

Temperature Range: -40°F to 140°F

Standard Color: Gray

Standard Lengths: 25 & 50 Feet

Disclaimer: The proper use and maintenance of hose and/or ducting 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.



ENGINEERING & TECHNICAL DATA — Genesis® Mark 2

INSIDE DIAMETER (IN)	APPROX. WEIGHT (LBS/FT)	WALL THICKNESS (IN)	CL BEND RADIUS (IN)	COMPRESSION RATIO	NEGATIVE PRESSURE (IN/HG)	WORKING PRESSURE (PSI)
1.5	.18	N/A	2.2	N/A	29	16
2	.23	N/A	3.5	N/A	29	14
2.5	.35	N/A	4	N/A	14	13.5
3	.42	N/A	5	N/A	9	12
3.5	.45	N/A	6	N/A	6	11
4	.55	N/A	6.25	N/A	4	10

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

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

Temperature Range: -40°F to 140°F

Standard Color: Clear

Standard Lengths: 25 & 50 Feet

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