



"COLD-FLEX"
MATERIALS



HIGH-TEMP
MATERIALS



STATIC
DISSIPATIVE

FLEXAIR™



SIL-Duct® SDH Series

Silicone Coated, Two-Ply, Woven Fiberglass Ducting Hose With Chemically Treated Steel Wire Helix

General Applications:

- Ducting, ventilation & fume removal
- Dust control
- High temperature air handling
- Plastic processing dryers

Construction: Silicone coated, two-ply, woven fiberglass hose with steel wire helix and double continuous filament, silicone treated fiberglass cord.

Service Temperature: -80°F (-62°C) to 500°F (260°C); intermittent service to 600°F (316°C)*

Features and Advantages:

- **Silicone Coated, Woven Fiberglass Material** – Vulcanized for high durability and long service life. Well suited for air handling and fume control at both high and low temperatures extremes.
- **Smooth Air Flow with Minimum Friction Loss** – Internal ply and narrow pitch helix allow for a tight bend radius while still maintaining smooth air flow. Other similar hoses create restricted inside diameter in bends or axial compression.
- **Easy Installation** – Light weight and highly kink resistant construction allows for easy installation in tight spaces requiring multiple bends.
- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡

Nominal Specifications

Series	ID (in.)	ID (mm)	Min. Bend Radius (in.) @ 68° F	Wall Thickness (in.)	Max W.P. (PSI) @ 68° F	Vacuum Rating (in Hg) @ 68° F	Max Leakage CFM	Cuff Length (in.)	Length/Ctn. (ft.)	Weight (lbs./ft.)
SDH-100	1	25.4	1	0.07	60	Full	0.015	1 1/2	12	0.13
SDH-125	1 1/4	31.7	1.3	0.07	60	Full	0.015	1 1/2	12	0.16
SDH-150	1 1/2	38.1	1.5	0.07	55	26	0.015	1 1/2	12	0.19
SDH-175	1 3/4	44.5	1.8	0.07	55	26	0.020	1 1/2	12	0.22
SDH-200	2	50.8	2	0.07	50	20	0.020	1 1/2	12	0.25
SDH-250	2 1/2	63.5	2.5	0.07	45	16	0.025	1 1/2	12	0.31
SDH-300	3	76.2	3	0.07	45	14	0.030	1 1/2	12	0.39
NEW SDH-350	3 1/2	88.9	3.5	0.07	40	12	0.035	1 1/2	12	0.45
SDH-400	4	101.6	4	0.08	40	10	0.040	1 1/2	12	0.53
NEW SDH-450	4 1/2	114.3	4.5	0.08	35	8	0.050	1 1/2	12	0.60
SDH-500	5	107.0	5	0.08	35	8	0.060	2	12	0.67
SDH-600	6	152.4	6	0.09	30	6	0.100	2	12	0.81
SDH-800	8	203.2	8	0.11	15	6	0.150	2	12	1.11

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

NOTE: For details of the following compliances, refer to footnotes listed on page 26.

*Actual service temperature range is application dependent

⚡ **CAUTION:** This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

RoHS⁽⁰⁶⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

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