



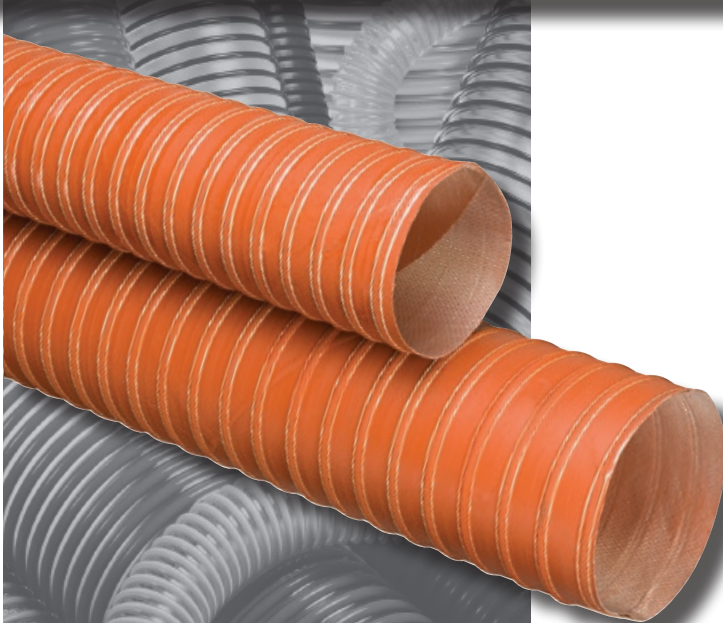
"COLD-FLEX"  
MATERIALS



HIGH-TEMP  
MATERIALS



STATIC  
DISSIPATIVE



## SIL-Duct®

### SDH Series

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

#### General Applications:

- Ducting, ventilation & fume removal
- High temperature air handling
- Dust control
- 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 Range:

-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 Number	ID (in)	ID (mm)	Min. Bend Radius (in) @ 68°F	Wall Thickness (in)	Max WP (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
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
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.

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

**RoHS**(06)

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