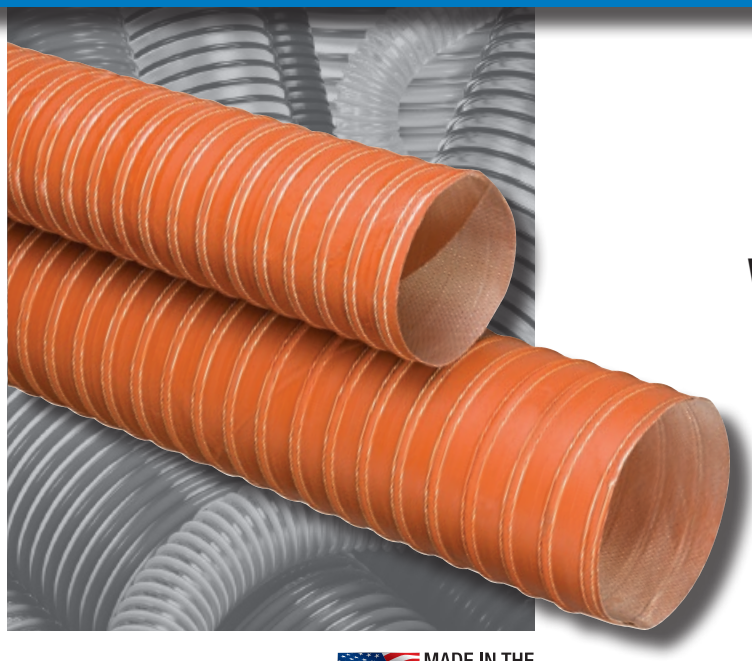

MADE IN THE USA

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 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.

RoHS(06)

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