

SIL-Duct[®] Series SDH **Silicone Ducting Hose.**

Two-ply smooth silicone-coated fiberglass fabric hose with helically-wound spring steel wire for flexibility.

FEATURES:

- Double continuous-filament, silicone-coated fiberglass cord for durability.
- Designed for both high and low temperature extremes.
- Suited for air handling applications at low positive and low negative pressures.
- Resistant to many oils and solvents, ozone, water, fungus, and alkalis.
- Superior air flow and minimum friction loss.
- Lightweight, non-kinking and easy to install.
- Standard packaging: 12' lengths in cartons.

APPLICATIONS:

- Plastic processing dryers
- Air handling applications
- Dust and fume control
- Light material handling

Service Temperature Range: -80°F (-62°C) to +600°F (+316°C)



Nominal Specifications

Part Number	ID (in.)	ID (mm)	Min. Bend Radius (in.)	Wall Thickness (in.)	Max W.P. (PSI)	Burst (PSI)	Max Neg. (PSI)	Max Leakage CFM	Cuff Length (in.)	Weight (lbs./ft.)	Length/CTN. (ft.)
SDH-100X12	1	25.4	1	0.07	60	180	15	0.015	1 1/2	0.125	12
SDH-125X12	1 1/4	31.7	1.3	0.07	60	180	15	0.015	1 1/2	0.156	12
SDH-150X12	1 1/2	38.1	1.5	0.07	55	165	13	0.015	1 1/2	0.188	12
SDH-175X12	1 3/4	44.5	1.8	0.07	55	165	13	0.020	1 1/2	0.219	12
SDH-200X12	2	50.8	2	0.07	50	150	10	0.020	1 1/2	0.250	12
SDH-250X12	2 1/2	63.5	2.5	0.07	45	135	8	0.025	1 1/2	0.313	12
SDH-300X12	3	76.2	3	0.07	45	135	7	0.030	1 1/2	0.388	12
SDH-400X12	4	101.6	4	0.08	40	120	5	0.040	1 1/2	0.525	12
SDH-500X12	5	107.0	5	0.08	35	105	4	0.060	2	0.669	12
SDH-600X12	6	152.4	6	0.09	30	90	3	0.100	2	0.813	12
SDH-800X12	8	203.2	8	0.11	15	45	3	0.150	2	1.113	12

Note: Not recommended for liquids or abrasive materials.



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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

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