



PRODUCT SPECIFICATION SHEET

SINGLE LAYER SILICONE DUCT HOSE - 4M LENGTH

Single layer Silicone Duct Hose is made of one layer silicone coated glass fiber fabric. It is a kind of High temperature duct, flame retardant, chemical resistance, stand for very high temperature. It is also used in different industry.



CONSTRUCTION & MATERIAL

- Wall: 1 layer silicone fabric, spired tape.
- Reinforcement: visible spring steel wire under the fabric. Glass cord on the outside surface.

Applications

- For granulate/ plastic dryer, hot air dryer machine in plastic industry.
- For blowing machine, deliver hot or cool air.
- As component for different machines which produce hot or cool air.
- Widely used for vehicle engines like auto, air-craft, trucks, even military tank.

Properties

- highly light and flexible
- very good heat resistance
- It is leak-proof; kink-proof
- It has smooth interior

Temperature Range

- -70 °C approx. to +270 °C approx.
- short time to +300 °C approx.

Installation requirement

- Avoid abrasion outside; Keep some space between the hoses and walls, ground, or machines.
- Don't apply too strong bending stress and follow the corresponding bending radius.
- Keep away from strong chemical corrosion.
- Don't apply for higher working temperature over above properties.

Available Sizes:

- 13mm ~ 306mm
- Standard 4m/pc

TECHNICAL DATA

ITEM NO.	ID (mm)	OD (mm)	LENGTH (m)	OVER PRESSURE (bar)	OVER PRESSURE (bar)	BENDING RADIUS (mm)	WEIGHT (kg/4m)
SH1-0013-R/B	13	16	4	1.800	0.580	10	0.35
SH1-0016-R/B	16	19	4	1.800	0.580	12	0.44
SH1-0019-R/B	19	22	4	1.800	0.580	13	0.50
SH1-0022-R/B	22	25	4	1.800	0.580	14	0.53
SH1-0025-R/B	25	28	4	1.500	0.580	18	0.62
SH1-0032-R/B	32	35	4	1.500	0.580	20	0.76
SH1-0035-R/B	35	38	4	1.500	0.580	22	0.80
SH1-0038-R/B	38	41	4	1.500	0.580	24	0.86
SH1-0040-R/B	40	43	4	1.500	0.570	26	0.80
SH1-0042-R/B	42	45	4	1.500	0.570	26	0.85
SH1-0044-R/B	44	47	4	1.500	0.560	27	0.95
SH1-0045-R/B	45	48	4	1.500	0.500	27	1.00
SH1-0050-R/B	50	53	4	1.500	0.500	31	1.05
SH1-0051-R/B	51	54	4	1.500	0.500	31	1.10
SH1-0057-R/B	57	60	4	1.300	0.500	34	1.26
SH1-0060-R/B	60	63.5	4	1.300	0.500	34	1.32
SH1-0063-R/B	63	66.5	4	1.300	0.500	37	1.40
SH1-0070-R/B	70	73.5	4	1.200	0.500	40	1.50
SH1-0076-R/B	76	79.5	4	1.100	0.390	43	1.80
SH1-0080-R/B	80	83.5	4	1.100	0.390	45	1.90
SH1-0083-R/B	83	86.5	4	1.100	0.390	47	2.00
SH1-0089-R/B	89	92.5	4	1.100	0.380	50	2.20
SH1-0102-R/B	102	106	4	1.100	0.380	56	2.50
SH1-0108-R/B	108	112	4	1.000	0.300	60	2.80
SH1-0110-R/B	110	114	4	1.000	0.300	60	3.00
SH1-0115-R/B	115	119	4	1.000	0.300	63	3.20
SH1-0127-R/B	127	131	4	0.900	0.290	70	3.50
SH1-0141-R/B	141	145.5	4	0.900	0.210	76	3.80
SH1-0150-R/B	150	154.5	4	0.800	0.180	82	4.00
SH1-0152-R/B	152	156.5	4	0.800	0.180	82	4.30
SH1-0159-R/B	159	163.5	4	0.700	0.160	86	4.46
SH1-0164-R/B	164	168.5	4	0.700	0.160	89	4.70
SH1-0169-R/B	169	174	4	0.700	0.160	89	5.00
SH1-0180-R/B	180	185	4	0.600	0.140	95	5.20
SH1-0203-R/B	203	208	4	0.600	0.140	108	5.92
SH1-0254-R/B	254	259	4	0.400	0.100	133	6.50
SH1-0306-R/B	306	311	4	0.100	0.070	159	8.00

