



TERMOCLIP Silicon

Flexible hose for high temperatures made of silicone-coated fibreglass fabric and external galvanized steel wire helix. Good resistance to chemical agents and UV rays. Hardly inflammable, highly flexible and compressible with high tensile strength.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Grey	3 or 6 m.	-60°C +300°C (peak +350°C)	6:1

PRODUCTION DIAMETERS

50	55	60	65	70	75	80	90	100	110	120	125	130	140	150	160	170	175	180
200	215	225	250	275	300	315	325	350	375	400	450	500	550	600	700	800	900	

Diameters other than those indicated are available by prior feasibility check.

MAIN APPLICATIONS

Suction of exhaust gas from engine test benches for the automotive industry and industrial vehicles. Air suction and ventilation for high temperatures.

MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
50	0,85	0,32	30	400
60	0,68	0,222	36	500
75	0,47	0,14	45	600
80	0,43	0,125	48	600
100	0,3	0,08	60	600
110	0,258	0,066	66	700

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,224	0,056	72	700
125	0,21	0,05	75	800
150	0,157	0,036	90	900
160	0,14	0,031	96	900
180	0,117	0,025	108	1000
200	0,1	0,02	120	1200
250	0,07	0,013	175	1600
300	0,05	0,009	210	2100
350	0,04	0,007	245	2500
400	0,03	0,005	280	3100
500	0,02	0,003	400	4100

Data given in this table are approximate.

* Pressure and vacuum data based on +20°C room temperature.

GREEN BUILDING

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MATERIALS

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APPLICATIONS

OEM	Smooth Surface	Working Temperature	Chemical Resistance	Warning	Self-extinguishing	Ozone Resistant	Tear Resistance	Calibrated diameters*
Anti UV	Conductive*	Compact version*	Industry	Transport	Non-magnetic*	Extractor Hoods	High Temp. Conditioning	Corrosive Resistance

*on request

OPTIONS

TERMOCLIP SILICON/PTFE - Double layer flexible hose made of an external layer of silicone-coated polyester fabric and an internal layer of PTFE film.	TERMOCLIP SILICON/PTFE-EL - Flexible hose in Silicone/PTFE with conductive $R_0 < 10^4 \Omega$ PTFE film.	TERMOCLIP SILICON/S - Made of double layer of fabric for high temperatures.
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