



## TERMOCLIP CSM

Flexible hose made of CSM-coated polyester fabric and external galvanized steel wire helix. The flexible hose is hardly inflammable with good resistance to chemical agents and UV rays. It is moreover resistant to vibrations and has a great tensile strength. Highly flexible and compressible. Reduced curvature radius.

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
External black, internal grey	3 or 6 m.	-40°C +175°C (peak +190°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

Air conditioning, ventilation, heating systems. Exhaust gas conveyance. Suction even in presence of corrosive agents.

### 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	0,900	0,400	30	400
60	0,780	0,278	36	500
75	0,620	0,178	45	600
80	0,610	0,156	48	600
100	0,510	0,100	60	600
110	0,480	0,083	66	700

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,360	0,070	72	700
125	0,330	0,064	75	800
150	0,220	0,044	90	900
160	0,210	0,039	96	900
180	0,172	0,031	108	1000
200	0,148	0,025	120	1200
250	0,100	0,016	175	1600
300	0,070	0,011	210	2100
350	0,056	0,008	245	2500
400	0,047	0,006	280	3100
500	0,043	0,004	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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## APPLICATIONS

OEM	Flexibility	Chemical Resistance	Warning	Ozone resistance	Calibrated Diameters*	Anti UV	Conductive*	Compact version
Industry	Air conditioning	CMV	Non-magnetic*	Extractor Hoods	Corrosive Resistance	*on request		

## OPTIONS ON REQUEST

TERMOCLIP CSM/PTFE - Double-layer flexible hose made of an external layer of CSM-coated polyester fabric and an internal layer of PTFE film. External galvanized steel wire helix.

TERMOCLIP CSM/PTFE-EL - Flexible hose in CSM/PTFE with conductive  $R_0 < 10^4 \Omega$  PTFE film