



M12/HT

Flexible hose made of polyester fabric, special PU for high temperatures coated, embedded steel wire helix. Thanks to the special execution this hose results light but very flexible, with high resistance to tears and perforations.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT				
COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	FIRE REACTION
Matt black (similar RAL 7037)	10 m. standard (coils of 20 m. up to ø 300 mm on request)	from 51 to 300 mm	-40°C +180°C (peaks +200°C)	Flame retardant class M1 UL94, class VTM-0

PRODUCTION DIAMETERS																			
51	60	63	70	76	80	90	100	110	120	125	130	140	150	160	180	200	225	250	300

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

MAIN APPLICATIONS

Industrial suction. Suction and flow of hot air and combustion vapours. Plants with dryers and dehumidifiers.

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]
51	1,20	0,25	50	190
63	1,00	0,20	60	235
70	0,90	0,18	70	260
76	0,85	0,14	75	285
80	0,80	0,12	80	300
90	0,70	0,10	90	340

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
100	0,60	0,09	100	375
110	0,58	0,09	110	415
120	0,55	0,09	120	450
125	0,50	0,09	125	470
130	0,50	0,09	130	485
140	0,40	0,07	140	525
150	0,30	0,07	150	560
160	0,30	0,07	160	600
180	0,23	0,06	180	770
200	0,20	0,05	190	860
225	0,18	0,04	210	970
250	0,15	0.04	220	1080
300	0,10	0,03	260	1300

Data given in this table are approximate.
* Pressure and vacuum data based on +20°C room temperature.

GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



LEED	WELL	BREEAM
Contributes to credits: MR	Contributes to credits: MATERIALS	Contributes to credits: HEA
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APPLICATIONS								
OEM	Flexibility	Working Temperature	Chemical Resistant	Easy pack	Self-extinguishing	Oil Resistant	Tear Resistant	Calibrated Diameters*
Compact Version*	Industry	Non-magnetic*	Extractor Hoods	High temp. Suction	Corrosion Resistant			

*on request