



M90/P-HTR

Flexible hose made of polyamide fabric, PVC coated on both sides, embedded steel wire helix. This special execution allows the usage in every suction and ventilation installations, even with moving parts. Resistant to temperatures up to +120°C.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AXIAL COMPRESSIBILITY
Grey (Black on request)	10 m. standard (up to 20 m on request)	from 40 to 800 mm	UL94, class VTM-0	-20°C +120°C	0,9 x ø	5:1

PRODUCTION DIAMETERS

40	45*	51	55*	60	63	65*	70	75	80	82	90	100	110	120	125	130	140
150	160	180	200	225*	250	275*	300	315	350	400	450	500	550	600	700	800	

*Diameters available on request.

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

MAIN APPLICATIONS

Suction of fumes, gases and vapours. Ventilation and aeration. Naval and civil conditioning.

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]
40	0,90	0,24	25	120
51	0,80	0,20	35	145
60	0,80	0,16	42	170
70	0,70	0,14	49	198
80	0,60	0,10	56	227
100	0,50	0,09	70	285

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,50	0,08	85	342
130	0,40	0,08	92	370
150	0,25	0,06	105	427
160	0,20	0,06	110	527
180	0,20	0,06	130	590
200	0,20	0,05	140	660
250	0,10	0,04	175	825
300	0,06	0,03	210	990
350	0,05	0,02	245	1155
400	0,04	0,01	280	1320
450	0,03	0,01	315	1485
500	0,02	0,01	350	1650
550	0,02	0,01	385	1820
600	0,01	0,01	420	1980

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	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	REACH	RoHS	HF
Compact version*	Industry	Building	Non-magnetic*	Extractor Hoods	High Temp. Suction	Temporary air conditioning		

*on request