



S90

Flexible hose made of thermoplastic elastomer additivated with flame retardant and polyolefine (th. 0.80mm) , embedded steel wire helix. Particularly smooth inner surface. Indicated with aggressive fumes.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	FIRE REACTION
Black	10 m. standard (coils of 20 m up to ø 200 mm on request - ø 600 and ø 700 mm max length of 6 m)	from 40 to 700mm	-20°C +125°C (peak +135°C)	UL94-V0

PRODUCTION DIAMETERS

40	45*	50	60	65	70	75	80	90	100	110	120	125	130	140	150
160	170	180	200	225	250	275	300	315	350	400	450	500	600*	700*	

*Diameters available on request.

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

MAIN APPLICATIONS

Suction of gas and fumes plants, even with solvents and acids.
Pneumatic conveyance, granule suction. On request execution with wall thickness lower or higher than standard.

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	0,50	0,25	28	228
50	0,40	0,2	35	295
60	0,40	0,16	42	342
70	0,35	0,14	49	399
80	0,28	0,1	56	456
100	0,20	0,09	70	515

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
120	0,20	0,08	80	610
130	0,20	0,08	90	684
150	0,10	0,06	105	772
160	0,10	0,06	110	850
180	0,09	0,05	128	935
200	0,08	0,05	140	1024
250	0,05	0,04	175	1280
300	0,03	0,03	210	1540
350	0,02	0,02	245	2340
400	0,02	0,02	280	2630
450	0,01	0,01	315	2960
500	0,01	0,01	350	3290

Data given in this table are approximate.

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

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APPLICATIONS

OEM	Flexibility	Working Temperature	Chemical Resistant	Easy pack	Self-extinguishing	Oil Resistant	Calibrated Diameters*	Compact Version*
Industry	Non-magnetic*	Extractor Hoods	Corrosion Resistant					

*on request