



SM-PU Ester Base

The SM-PU hose line was designed to respond to the need for small diameters. The main characteristic of this product is the reduced helix pitch (10mm).

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	15 m. standard (10 m on request)	from 25 to 50 mm	-40°C +90°C (peak +125°C)

MAIN APPLICATIONS

Suction of chips, wood and other material, dust, pneumatic conveyance of textile fibres, paper etc.

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 SM-PU 145 (wall thickness 0,45 mm)

DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	0,70	380	R=D	120
30		0,60	360		128
32		0,60	350		138
35		0,60	350		150
38		0,60	350		163
40		0,50	300		171
45		0,50	300		191
50		0,50	280		212

Data given in this table are approximate.

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

TECHNICAL DATA SM-PU 160 (wall thickness 0,60 mm)					
DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	1,70	400	R=D	154
30		1,60	400		185
32		1,50	380		205
35		1,50	380		224
38		1,50	380		242
40		1,40	350		254
45		1,40	350		285
50		1,40	320		315

Data given in this table are approximate.

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

TECHNICAL DATA SM-PU 170 (wall thickness 0,70 mm)					
DIAMETERS	TOLERANCE	OPERATING PRESSURE	OPERATING VACUUM	INTERNAL CURVATURE RADIUS	WEIGHT
[mm]	[mm]	[bar]	[mbar]	[mm]	[gr/m]
25	+1,5/-0,0	2,50	600	R=D	172
30		2,40	580		204
32		2,30	550		228
35		2,30	550		250
38		2,20	550		273
40		2,20	500		295
45		2,10	500		325
50		2,10	450		369

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

Contributes to credits:
MR



WELL

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MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

APPLICATIONS

OEM	Flexibility	Easy Pack	Antistatic	Self-extinguishing	Mold Resistant	Hydrolysis Resistance	Microorg. Resistance	Tear Resistance	
									*on request
Abrasion Resistance	Food Compliant	Calibrated Diameters*	Conductive	Compact Version*	Industry	Non-magnetic*	extractor Hoods		*on request

PU OPTIONS

ADDITIVE OPTIONS

SERVICE OPTIONS

SM-PU 145: made of a special polyurethane sheet (th. 0.45mm) and embedded copper steel wire helix.	AS antistatic $R \leq 10^8 \Omega$	CT translucent color
SM-PU 160: made of a special polyurethane sheet (th. 0.60mm) and embedded copper steel wire helix.	AL FDA food grade	CC covering color
SM-PU 170: made of a special polyurethane sheet (th. 0.70mm) and embedded copper steel wire helix.		MP customized marking