



## P100/PU Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.70 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (medium level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	AXIAL COMPRESSIBILITY
Transparent	10 m standard (coils of 15m and 20m up to ø 160 mm on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)	3:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	80	90	100	110	120	125	130	140	150	160	180	200	225	250	275	300
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\*Diameters available on request.

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

### 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

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
40	1,15	0,40	40	400
50	1,00	0,25	50	450
60	1,00	0,25	60	480
80	0,80	0,20	80	650
100	0,60	0,18	100	840
120	0,50	0,15	120	950

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,40	0,10	140	1060
150	0,38	0,10	150	1120
160	0,35	0,08	160	1200
180	0,30	0,07	180	1450
200	0,25	0,06	200	1500
215	0,25	0,05	215	1760
225	0,20	0,04	225	1860
250	0,20	0,04	250	1930
300	0,15	0,02	300	2310

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:



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MATERIALS

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## APPLICATIONS

OEM	Flexibility	Easy Pack	Tear Resistance	Abrasion Resistance	Calibrated diameters*	Compact version*	Industry	Non-magnetic*	Extractor Hoods

\*on request

WIRE OPTIONS	ADDITIVE OPTIONS	SERVICE OPTIONS
LZ galvanized wire	AB antibacterial	CT translucent color
AM non-magnetic inox wire	AL FDA food grade	CC covering color
	AS antistatic $R \leq 10^8 \Omega$	MP customized marking
	FR flame retardant DIN 4102 - cl. B1	