



## P180/PU **Ether Base**

Flexible hose made of a polyurethane (PU) sheet (th. 1.35 mm) and embedded copper steel wire helix. Particularly sturdy hose suitable for heavy duty (high level).

### TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE
Transparent	10 m standard (up to 15 m on request)	from 40 to 300 mm	-40°C +90°C (peak +125°C)

### PRODUCTION DIAMETERS

40	45*	50	60	65*	70	75*	80	90	100	110*	115*	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	2,30	0,70	57	545
50	1,90	0,60	71	650
60	1,80	0,55	85	770
80	1,20	0,45	114	1060
100	1,10	0,40	142	1325
120	0,90	0,30	171	1380
140	0,70	0,20	199	1705
150	0,70	0,20	214	1770

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
160	0,60	0,20	228	2090
180	0,50	0,15	256	2580
200	0,50	0,15	285	2845
250	0,30	0,10	356	3477
300	0,30	0,10	427	4210

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

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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
	EL conductive ether $R \leq 10^4 \Omega$	