



## P150/PU Ether Base

Flexible hose made of a polyurethane (PU) sheet (th. 1.10 mm) and embedded copper steel wire helix. Particularly smooth inner surface suitable for heavy duty (high abrasion).

### 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)	2,5:1

### PRODUCTION DIAMETERS

40	50	60	65*	70	75*	76	80	90	100	110*	120	125*	127	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	1,44	0,48	59	460
50	1,38	0,30	71	600
60	1,32	0,30	84	690
80	1,20	0,24	108	920
100	0,78	0,22	135	1250
120	0,72	0,18	160	1450

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
140	0,60	0,12	185	1680
150	0,48	0,12	200	1800
160	0,42	0,10	211	1960
180	0,36	0,08	236	2290
200	0,30	0,06	264	2620
250	0,24	0,05	325	3130
300	0,18	0,02	388	4050

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