



P60/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.45 mm) and embedded copper steel wire helix with large pitch. The main characteristic of this hose is its great flexibility and compressibility. Corrugated inner surface, high resistance to abrasion and break.

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 200 mm on request)	from 60 to 500 mm	-40°C +90°C (peak +125°C)	8:1

PRODUCTION DIAMETERS

60	63*	70	76*	80	90	100	110*	120	125	130	140	150	160	180	200	225*
250	275*	300	350	400	450	500										

*Diameters available on request.

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

MAIN APPLICATIONS

Suction and delivery of air, fumes, dust, textile fibres, sawdust and light chips.

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]
60	0,35	0,15	42	260
70	0,35	0,13	55	310
80	0,25	0,10	60	350
100	0,20	0,09	75	420
120	0,18	0,07	90	560
130	0,15	0,06	95	590

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	780
160	0,10	0,05	120	830
180	0,08	0,04	130	880
200	0,07	0,04	150	980
250	0,04	0,03	180	1180
300	0,03	0,02	220	1420
350	0,02	0,02	250	2080
400	0,02	0,02	280	2390
450	0,01	0,01	320	2610
500	0,01	0,01	360	3100

Data given in this table are approximate.

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

GREEN BUILDING

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MATERIALS

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APPLICATIONS

OEM	Flexibility	Easy Pack	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