



P406/PU-LR Ester Base

Flexible hose made of a polyurethane (PU) sheet (th. 0.40 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 305 mm	-40°C +90°C (peak +125°C)	8:1

PRODUCTION DIAMETERS

60	63*	70	76*	80	82*	90	100	102*	110*	120	125	130	140	150	152*
160	170*	180	200	203*	225*	250	275*	300	305*						

*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	255
70	0,35	0,13	55	300
80	0,25	0,10	60	340
100	0,20	0,09	75	410
120	0,18	0,07	90	550
130	0,15	0,06	95	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[bar]	[mm]	[gr/m]
150	0,10	0,05	110	765
160	0,10	0,05	120	815
180	0,08	0,04	130	860
200	0,07	0,04	150	955
250	0,04	0,03	180	1150
300	0,03	0,02	220	1385

Data given in this table are approximate.

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

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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