

EOLO PUP EST

Ester-based Polyurethane Ducting, smooth inside, reinforced with PVC helix, resistant to abrasion - MEDIUM DUTY

Applications

Medium wall thickness, flexible. Ideal for delivery of powders and granules of different kind, size and abrasion level. Particularly appreciated in the plastic, ceramic and wood working industries in severe application conditions.

Technical Features

Ester based Polyurethane duct, reinforced with an anti-shock PVC helix. It keeps high flexibility even at low temperature. Completely smooth inside to ensure optimization of flow properties and corrugated outside. Wall thickness from 0,8 to 1,00 mm.

Properties

High mechanical properties, really good resistance to abrasion and most chemicals. Halogens free and conform to RoHS as well as phthalates free. It can be manufactured in antistatic version adding a copper wire. By earthing the copper wire, the duct becomes electrically bonded. The electrical resistance $R \leq 102 \text{ Ohm/m}$ is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC

Standards

RoHS 2011/65/EU Directive, REACH Regulation (1907/2006), TRB S 2153.

Temperature range

-40°C +80°C / -40°F + 176°F

Technical data								
Part number	Inside ø (mm)	Min. wall thickness (mm)	Max. wall thickness (mm)	Weight (g/m)	Vacuum (mH2O)	Bending radius (mm)	Coil length (m)	Volume (m³)
OP 01 038.0 000.0	38,1	0,8	3,3	320	3	130	30	0,114
OP 01 040.0 000.0	40	0,9	3,6	360	3	140	30	0,133
OP 01 045.0 000.0	45	0,9	4,0	455	3	160	30	0,150
OP 01 052.0 000.0	50,8	0,9	4,5	555	3	175	30	0,201
OP 01 060.0 000.0	60	1,0	4,5	660	3	200	30	0,241
OP 01 063.0 000.0	63,5	1,0	4,5	690	3	230	30	0,293
OP 01 065.0 000.0	65	1,0	4,5	705	3	230	30	0,299
OP 01 070.0 000.0	70	1,0	4,5	775	3	250	30	0,364
OP 01 076.0 000.0	76,2	1,0	4,5	800	2,5	270	30	0,432
OP 01 080.0 000.0	80	1,0	5,0	920	2,5	290	30	0,485
OP 01 090.0 000.0	90	1,0	5,2	1080	2,5	360	30	0,573
OP 01 100.0 000.0	100	1,0	5,7	1290	2,5	400	30	0,713
OP 01 102.0 000.0	102	1,0	5,7	1310	2,5	400	30	0,725
OP 01 110.0 000.0	110	1,0	5,8	1440	2,5	440	30	0,842
OP 01 120.0 000.0	120	1,0	5,9	1545	2,5	470	30	0,962
OP 01 127.0 000.0	127	1,0	5,9	1650	2,5	500	30	1,120
OP 01 130.0 000.0	130	1,0	5,9	1700	2,5	520	30	1,145
OP 01 140.0 000.0	140	1,0	6,0	1855	2	570	30	1,646
OP 01 150.0 000.0	151,5	1,0	6,4	2060	2	600	20	1,262

