

EOL PUP FOOD

Ether-based Polyurethane Ducting, reinforced with PVC helix, resistant to microbes , abrasion and hydrolysis

MEDIUM DUTY

Applications

Suitable for suction of liquids and dry food such as grains, animal feed, sugar, flour, fatty food, but not for milk or dairy products. Eolo PUP Food finds a perfect application also in fish farm.

Technical Features

Ether based PU wall, food grade, with an anti-shock rigid PVC spiral. Completely smooth inside, corrugated outside.

Properties

Medium duty product with a wall thickness from 0.8 to 1.2 mm, light, flexible and easy to bend extremely resistant to abrasion and flexion, this hose features high mechanical properties. Excellent resistance to microbes, hydrolysis, ozone, weather conditions, most chemicals. Halogens free and conform to RoHS as well as free from phthalates.

Standards

Food grade according to FDA Reg. Cfr 21-Item 17.2600 (acqueous and fatty food) and to EU Reg. 10/2011, classes A, B, C, D2, RoHS 2011/65/ EU Directive, REACH Regulation (1907/2006), TRB S 2153.

It can be manufactured in antistatic version adding a copper wire. By earthing the copper wire in accordance to TRB S 2153 the hose is electrically bonded. The electrical resistance $R \leq 10^2$ Ohm/m is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC

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)
EP 01 030.0 000.0	30	0,8	3,0	250	3,5	100	30	0,083
EP 01 035.0 000.0	35	0,8	3,3	290	3	120	30	0,101
EP 01 038.0 000.0	38,1	0,8	3,3	310	3	130	30	0,114
EP 01 040.0 000.0	40	1,0	3,6	350	3	140	30	0,133
EP 01 045.0 000.0	45	1,0	4,0	440	3	160	30	0,150
EP 01 052.0 000.0	50,8	1,0	4,5	550	3	175	30	0,201
EP 01 060.0 000.0	60	1,0	4,5	640	3	200	30	0,241
EP 01 063.0 000.0	63,5	1,0	4,5	670	3	230	30	0,293
EP 01 070.0 000.0	70	1,0	4,5	750	3	250	30	0,364
EP 01 076.0 000.0	76,2	1,0	4,5	780	2,5	270	30	0,432
EP 01 080.0 000.0	80	1,0	5,0	900	2,5	290	30	0,485
EP 01 090.0 000.0	90	1,0	5,2	1050	2,5	360	30	0,573
EP 01 100.0 000.0	100	1,0	5,7	1250	2,5	400	30	0,713
EP 01 102.0 000.0	102	1,0	5,7	1270	2,5	400	30	0,725
EP 01 120.0 000.0	120	1,0	5,9	1500	2,5	470	30	0,962
EP 01 127.0 000.0	127	1,0	5,9	1600	2,5	500	30	1,120
EP 01 130.0 000.0	130	1,0	5,9	1650	2,5	520	30	1,145
EP 01 140.0 000.0	140	1,0	6,0	1800	2	570	30	1,646
EP 01 150.0 000.0	151,5	1,0	6,4	2000	2	600	20	1,262
EP 01 203.0 000.0	203,2	1,2	8,9	2900	1	400	20	1,768
EP 01 254.0 000.0	254	1,2	8,9	3600	1	500	10	2,175
EP 01 305.0 000.0	304,8	1,2	8,9	4300	0,8	610	10	2,581

