

EOLO PU FOOD

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

Applications

Suction of liquids and dry food such as grains, animal feed, sugar, flour, seeds etc. Suitable for fatty foods, but not for milk or dairy products.

Technical Features

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

Properties

Light duty product with a PU wall thickness from 0.4 to 0.8 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 177.2600 (acquous and fatty food) and to EU Regulation 10/2011, (classes A,B,C,D2)It can be manufactured in antistatic version adding a copper wire.

By earthing the copper wire, the duct becomes electrically bonded. The electrical resistance $R \leq 10^2$ Ohm/m is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC.

Temperature range

-40°C +90°C peaks +125°C / -40°F +194°F (252°F short time)

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)
EU 01 020.0 000.0	20	0,4	2,5	110	2,5	25	20	0,028
EU 01 025.0 000.0	25	0,4	2,6	150	2,5	30	20	0,035
EU 01 030.0 000.0	30	0,4	2,6	160	2,5	35	20	0,049
EU 01 032.0 000.0	31,8	0,4	2,6	180	2	35	20	0,051
EU 01 035.0 000.0	35	0,5	2,7	200	2	45	20	0,059
EU 01 038.0 000.0	38,1	0,5	2,8	220	2	50	20	0,068
EU 01 040.0 000.0	40	0,5	2,8	230	2	60	20	0,071
EU 01 045.0 000.0	45	0,5	2,9	270	2	65	20	0,083
EU 01 052.0 000.0	50,8	0,5	3,2	320	2	70	20	0,104
EU 01 055.0 000.0	55	0,5	3,4	400	2	75	20	0,119
EU 01 060.0 000.0	60	0,5	3,6	470	1,6	80	20	0,170
EU 01 063.0 000.0	63,5	0,5	3,6	510	1,6	80	20	0,180
EU 01 065.0 000.0	65	0,5	3,6	520	1,6	90	20	0,191
EU 01 070.0 000.0	70	0,6	3,9	560	1,6	95	30	0,293
EU 01 076.0 000.0	76,2	0,6	3,9	600	1,6	100	30	0,328
EU 01 080.0 000.0	80	0,6	4,2	650	1,6	110	30	0,357
EU 01 090.0 000.0	90	0,6	4,3	750	1,4	125	30	0,547
EU 01 100.0 000.0	100	0,6	4,4	820	1,3	140	30	0,640
EU 01 102.0 000.0	102	0,6	4,4	830	1,3	140	30	0,652
EU 01 110.0 000.0	110	0,6	4,7	950	1,2	150	30	0,743
EU 01 120.0 000.0	120	0,6	5,0	1100	1	160	30	0,831
EU 01 127.0 000.0	127	0,6	5,0	1150	1	170	30	0,900
EU 01 130.0 000.0	130	0,7	5,3	1300	0,9	170	20	0,780
EU 01 140.0 000.0	140	0,7	5,3	1430	0,9	180	20	0,860
EU 01 150.0 000.0	151,5	0,7	5,3	1500	0,8	200	20	0,953
EU 01 160.0 000.0	160	0,7	6,7	1940	0,7	220	20	1,049
EU 01 180.0 000.0	180	0,7	6,7	2140	0,4	250	20	1,236
EU 01 200.0 000.0	200	0,7	6,7	2300	0,4	260	20	1,440
EU 01 250.0 000.0	250	0,8	7,5	3400	0,4	300	10	0,952
EU 01 300.0 000.0	300	0,8	7,7	4100	0,3	350	10	1,419

