

Zeus PU Food



Colour: Transparent with ivory spiral.

Temperature Range: -40°C+80°C

Suitable for:

Applications: Food

Industries: Antistatic version, Microbes resistant, Food

Features

Technical Features: Ether based Polyurethane duct reinforced with an anti-shock rigid PVC spiral. Completely smooth inside, corrugated outside. Heavy duty product with a wall thickness from 1,2 to 2,0 mm.

Properties: Heavy duty product with a PU wall thickness from 1.2 up to 2 mm 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 (acquous and fatty food) and to EU Reg. 10/2011, classes A, B, C, D2, REACH Regulation (1907/2006), TRB S 2153.

It can be manufactured in **antistatic version** adding a copper wire.

By earthing the copper wire, the duct becomes **electrically bonded** (For further info regarding Electrical Resistance [click here](#)). The electrical resistance $R \leq 10^2$ Ohm/m is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC

IPL products are manufactured under GMP - Good Manufacturing Practice according to Regulation (CE) N. 2023/2006, regarding materials and goods intended to come into contact with foodstuff.

Application Fields

Suction and delivery of alimentary products even fatty food and liquids. Not suitable milk or dairy products. Indicated for suction and transport of sugar, flour, grains and animal feeds etc.

For different coil length contact Sales office.

Technical Data

Part Number	Inside Ø	Min. Wall Thickness	Max. Wall Thickness	Weight	Working Pressure	Bursting Pressure	Vacuum	Bending Radius	Roll Length	Volume
	mm	mm	mm	g/m	bar	bar	mH2O	mm	m	m ³
ZE 01 030.0 000.0	30	1,2	3,4	320	3,0	9	9	130	30	0,091
ZE 01 032.0 000.0	31,8	1,2	3,4	340	3,0	9	9	140	30	0,099
ZE 01 035.0 000.0	35	1,3	3,6	380	3,0	9	9	160	30	0,108
ZE 01 038.0 000.0	38,1	1,3	3,8	410	3,0	9	9	180	30	0,117
ZE 01 040.0 000.0	40	1,5	4,6	490	3,0	9	9	190	30	0,139
ZE 01 045.0 000.0	45	1,5	4,7	570	3,0	9	8	200	30	0,154
ZE 01 052.0 000.0	50,8	1,5	5,2	700	3,0	9	8	215	30	0,214
ZE 01 060.0 000.0	60	1,5	5,2	870	3,0	9	8	230	30	0,246
ZE 01 063.0 000.0	63,5	1,5	5,2	910	3,0	9	8	240	30	0,298
ZE 01 065.0 000.0	65	1,5	5,2	930	3,0	9	8	240	30	0,304
ZE 01 070.0 000.0	70	1,5	5,2	940	2,5	7,5	8	250	30	0,371
ZE 01 076.0 000.0	76,2	1,7	5,2	1120	2,5	7,5	8	270	30	0,466
ZE 01 080.0 000.0	80	2,0	5,3	1260	2,5	7,5	7	290	30	0,518
ZE 01 090.0 000.0	90	2,0	5,3	1400	2,5	7,5	7	380	30	0,592
ZE 01 100.0 000.0	100	2,0	6,0	1600	2,5	7,5	7	420	30	0,716
ZE 01 102.0 000.0	102	2,0	6,0	1630	2,5	7,5	7	420	30	0,729
ZE 01 120.0 000.0	120	2,0	7,0	2400	2,0	6	6,5	480	30	1,544
ZE 01 127.0 000.0	127	2,0	7,0	2500	1,5	4,5	6,5	530	30	1,625
ZE 01 150.0 000.0	151,5	2,0	7,7	3100	1,5	4,5	6	800	20	1,279

Industries

Antistatic Version

Food

Microbes Resistant