

HEAVY FOOD POLYURETHANE HOSE (PUR-P) 1.50

HOSES › Food grade hoses for abrasive fluids

Flexible hose in anti-abrasive polyurethane, HEAVY duty, for applications

heavy-duty in the food and pharmaceutical industry resistant to microbes.

Good resistance to chemicals, industrial oils and hydrocarbons.

Polyurethane structure with a thickness of approximately

1.4/1.5mm, smooth inside with

Reinforcement spiral. Ideal for pneumatic conveying systems both under pressure

that depression of cereals, feed, sugar dosing systems, milk powder,

coffee, tea, flour, frozen foods.

Excellent resistance to atmospheric agents, ozone and UV rays

Transparent color. Smooth interior, particularly smooth, suitable for uses

heavy duty suction and delivery of dust, sawdust, shavings, textile fibres, paper.

Suitable for the passage of food products according to DDC



Mastertubi.it/q?1482

TECHNICAL FEATURES:

odorless and tasteless

resistant to microbes and hydrolysis

good resistance to chemicals, industrial oils and hydrocarbons

excellent cold flexibility

Production process according to GMP CE 2023/2006

RoHS compliant

REACH according to -> Technical information / technical / REACH

Admission to EU Regulation 10/2011, EC 1935/2004 and EU 2015/174

from an independent testing laboratory for the complete tube, polyurethane food grade: FDA 21 CFR 177.2600

Approval according to EU Regulation 10/2011 (food simulant E) and EC 1935/2004

TEMPERATURE RANGE : -40°C to 90°C briefly up to 125°C

CONSTRUCTION : Stainless steel wire spiral (INOX); Ether-based polyurethane wall, permanently antistatic; Wall thickness approximately 1.4 - 1.5 mm depending on the diameter; Standard packaging 10 meters, 15/20 on request.

This tube has a direction of operation identified by arrows marked on the tube along its entire length, they specify the directional direction of the flow.

diameter	diameter	Pressure	Depression	Radius of	Weight
external	external	at 23°C	DIN 26057	curvature	
mm	mm	bar	bar	mm	Kg/m
13	20	4.50	1.00	14	0.14
16	23	4.42	1.00	15	0.16
20	27	4.25	1.00	17	0.23
22	29	3.90	1.00	18	0.25
25	32	3.47	1.00	20	0.28
30	40	3.60	1.00	25	0.42
32	42	3.40	1.00	26	0.44
35	45	3.12	1.00	28	0.48
38	48	3.90	1.00	29	0.52
40	50	2.76	1.00	30	0.54
45	55	2.47	1.00	33	0.60
50	60	2.23	1.00	35	0.66
55	65	2.04	1.00	38	0.72
60	70	1.88	1.00	40	0.78
63	75	1.74	1.00	43	0.84
70	81	1.62	1.00	62	0.98
75	86	1.52	1.00	66	1.05
80	91	1.42	1.00	69	1.11
90	101	1.27	0.89	76	1.25
100	111	1.15	0.95	83	1.49
110	121	1.05	0.78	90	1.63
115	126	1.00	0.71	94	1.68
120	131	0.96	0.65	97	1.77
127	136	0.92	0.60	101	1.84
130	141	0.89	0.56	104	1.91
140	151	0.82	0.48	111	2.03
150	161	0.77	0.56	118	2.41

160	171	0.72	0.49	125	2.56
165	176	0.70	0.046	129	2.64
180	191	0.64	0.39	139	2.87
200	213	0.58	0.35	156	3.12
250	263	0.46	0.21	191	3.88
300	313	0.39	0.19	226	5.16