

## FOOD GRADE COPPER POLYURETHANE HOSE (PUR-PA) - 1.0

HOSES › Food grade hoses for abrasive fluids

### HEAVY DUTY POLYURETHANE ETHER TUBE WITH STAINLESS STEEL SPIRAL (PUP-AL), FOOD GRADE.

wall thickness 1.0mm

#### Application

flexible hose for abrasive powder, bulk material, granules and gas in the food and pharmaceutical industries.

Rice, cereals, dry food, sugar, powdered milk, coffee powder, tea, flour, frozen foods.

Can be used for vacuum, suction, and as a dosing system in mixers, dryers, packaging machines, big-bag filling and emptying, and mills. It can also be used as a medium- and heavy-duty industrial vacuum cleaner because it is highly abrasion-resistant.

#### REFERENCE STANDARDS:

- admission to EU Regulation 10/2011
- EC 1935/2004 and EU 2015/174 from an independent testing laboratory for food passage.
- FDA 21 CFR 177.2600 and 178.2010

Approval according to EU Regulation 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004

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.

Flame retardant according to: UL94-HB

Compliant with RoHS REACH regulations

Temperature range From -40°C to 90°C briefly up to 125°C.

Construction Tube with harmonic steel wire embedded in the special polyurethane ether wall.

STANDARD PACKAGE 10 meters other sizes and lengths available on request



Mastertubi.it/q?1316

diameter internal mm	Overpressure DIN 26057 bar	Empty DIN 26057 bar	Radius of curvature mm	Weight Kg/m
32	2,715	0.680	23	0.20
38	2,290	0.470	27	0.26
40	2,155	0.440	28	0.28
46	1,830	0.370	32	0.32
48	1,740	0.355	33	0.34
53	1,555	0.315	36	0.38
58	1,405	0.285	39	0.41
63	1,280	0.235	42	0.45

68	1,175	0.220	45	0.49
73	1,090	0.150	48	0.53
79	1,010	0.140	52	0.59
84	0.945	0.130	55	0.64
89	0.890	0.115	58	0.68
99	0.790	0.110	64	0.75
109	0.715	0.100	70	0.97
119	0.650	0.095	76	1.06
124	0.620	0.090	79	1.11
129	0.595	0.090	82	1.16
134	0.575	0.085	85	1.20
139	0.550	0.080	88	1.25
149	0.510	0.065	94	1.34
159	0.480	0.065	100	1.52
169	0.450	0.060	106	1.61
179	0.425	0.060	110	1.71
184	0.410	0.055	115	1.76
189	0.400	0.050	118	1.81
209	0.360	0.040	130	2.00
234	0.320	0.035	145	2.16
259	0.290	0.035	160	2.39
284	0.260	0.030	175	2.63
289	0.260	0.030	178	2.67
309	0.240	0.030	190	2.86
324	0.230	0.030	199	3.00
334	0.220	0.030	205	3.10
359	0.205	0.025	220	3.33
384	0.195	0.025	237	3.90
409	0.180	0.025	250	4.27
459	0.160	0.020	283	4.80
509	0.145	0.020	315	5.33