

COPPER-PLATED POLYURETHANE HOSE (PUR-PHT) - 1.0

HOSES › Gas and hot smoke extraction pipes

High-performance hose for hot and abrasive powders, bulk materials, granules, and hot gases. Blown film, cooling air on the extrusion tool of offset printing machines, air supply cabinets, cooling air, UV dryers, IR/infrared dryers, textile industry, steam extraction, and ironing. Highly abrasion-resistant, excellent heat resistance.

(Better than comparable TPE and neoprene) Good resistance to chemicals, industrial oils, and hydrocarbons Excellent cold flexibility
RoHS REACH compliant based on technical information.

Temperature range: -40°C to 125°C briefly up to 150°C

Construction Tube with reinforced profile with harmonic steel wire embedded in the wall.

Wall made of special patented high-temperature polyurethane.

Wall thickness approximately 1.0 mm

Additional sizes and lengths available upon request

Standard color black

Standard packs 10 meters



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diameter internal	external diameter	Pressure	Depression	Radius of curvature	weight
mm	mm	bar	bar	mm	Kg/m
25	32	2,835	0.495	28	0.20
32	40	2,245	0.460	35	0.28
38	46	1,905	0.430	40	0.32
40	48	1,815	0.420	41	0.34
45	53	1,620	0.385	45	0.38
50	58	1,465	0.365	49	0.41
60	68	1,225	0.285	56	0.49
63	73	1,135	0.255	60	0.53
70	79	1,055	0.210	65	0.59

75	84	0.985	0.195	69	0.64
80	89	0.925	0.175	73	0.68
90	99	0.825	0.155	80	0.75
100	109	0.745	0.120	88	0.97
125	134	0.600	0.085	107	1.20
150	159	0.500	0.075	126	1.52
160	169	0.470	0.065	134	1.61
200	209	0.375	0.055	165	2.00