

HIGH TEMP. PU HOSE (HT-PU)

Since 1990

FLEXAFLEX

Wall Thickness: 0.7 / 1 / 1.4 mm



Structure: ▼

Polyester- Polyurethane, translucent reinforced with copper coated spring steel wire.

Wall Thickness: ▼

0.7 / 1 / 1.4 mm

Temperature range: ▼

-40°C to +145°C (Short Term 165°C)

Colour: ▼

Transparent,

Characteristics: ▼

Excellent temperature resistance, smooth bore, good abrasion resistance, extreme flexibility, free of halogen and softeners

Applications: ▼

Wall Thick : 0.7 mm

Suction and transport of light weight materials (dusts, splinters and fibres) in food, paper and textile industry for high temperature applications

Wall Thick : 1 / 1.4 mm

Suction and conveying of abrasive particles or granules for high temperature applications



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Wall thick. 0.7 mm

 int mm	 mm	 mm	 bar	 bar	 kg/m app.
25	0.70	25.00	0.43	1.50	0.28
30	0.70	30.00	0.32	1.39	0.33
40	0.70	40.00	0.32	1.23	0.43
50	0.70	50.00	0.27	1.07	0.51
60	0.70	60.00	0.27	1.07	0.60
70	0.70	70.00	0.22	1.07	0.69
75	0.70	75.00	0.22	1.07	0.74
80	0.70	80.00	0.21	0.86	0.79
90	0.70	90.00	0.19	0.86	0.88
100	0.70	100.00	0.19	0.64	1.04
110	0.70	110.00	0.16	0.64	1.14
120	0.70	120.00	0.16	0.54	1.16
125	0.70	125.00	0.11	0.43	1.20
140	0.70	140.00	0.11	0.43	1.34
150	0.70	150.00	0.11	0.41	1.43
160	0.70	160.00	0.09	0.37	1.52
175	0.70	175.00	0.08	0.33	1.66
180	0.70	180.00	0.08	0.32	1.76
200	0.70	200.00	0.05	0.27	2.00
225	0.70	225.00	0.04	0.21	2.24
250	0.70	250.00	0.04	0.21	2.48
300	0.70	300.00	0.02	0.16	3.66
350	0.70	350.00	0.01	0.11	4.25
400	0.70	400.00	0.01	0.09	4.84
450	0.70	450.00	0.01	0.07	5.43
500	0.70	500.00	0.01	0.05	6.02

Wall thick. 1 mm

 int mm	 mm	 mm	 bar	 bar	 kg/m app.
25	1.00	33.00	0.55	1.45	0.190
30	1.00	39.00	0.55	1.45	0.250
35	1.00	46.00	0.45	1.25	0.300
38	1.00	49.00	0.45	1.25	0.330
40	1.00	52.00	0.45	1.25	0.350
50	1.00	65.00	0.40	1.20	0.410
60	1.00	78.00	0.35	1.15	0.470
75	1.00	98.00	0.30	1.05	0.610
80	1.00	104.00	0.25	1.05	0.650
90	1.00	117.00	0.25	0.85	0.800
100	1.00	130.00	0.23	0.70	0.950
110	1.00	143.00	0.20	0.65	1.020
120	1.00	156.00	0.20	0.65	1.080
125	1.00	163.00	0.20	0.55	1.13
140	1.00	182.00	0.15	0.55	1.18
150	1.00	195.00	0.15	0.45	1.25
160	1.00	208.00	0.15	0.40	1.34
180	1.00	234.00	0.12	0.35	1.68
200	1.00	260.00	0.10	0.30	1.87
225	1.00	293.00	0.09	0.25	2.11
250	1.00	325.00	0.09	0.25	2.35
300	1.00	390.00	0.07	0.20	3.08
350	1.00	455.00	0.06	0.18	3.75
400	1.00	520.00	0.06	0.15	4.24
450	1.00	585.00	0.06	0.15	5.42

Wall thick. 1.4 mm

 int mm	 mm	 mm	 bar	 bar	 kg/m app.
38	1.40	70.00	0.90	2.90	0.44
40	1.40	70.00	0.90	2.80	0.47
50	1.40	90.00	0.90	2.80	0.61
55	1.40	100.00	0.90	2.65	0.67
60	1.40	110.00	0.80	2.50	0.73
63	1.40	120.00	0.80	2.40	0.76
70	1.40	130.00	0.70	2.10	0.84
76	1.40	140.00	0.60	2.00	0.90
80	1.40	150.00	0.60	2.00	0.95
100	1.40	185.00	0.50	1.60	1.28
125	1.40	230.00	0.40	1.15	1.59
150	1.40	285.00	0.30	0.90	2.31
200	1.40	375.00	0.20	0.70	3.20

- All technical data are subject to dimensional tolerances of $\pm 0.5\%$.
- All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. We reserve the right to make technical changes and color deviations.
- Further diameters upon Bulk order request

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