

**FLEXADUX[®] HT PU
POLYURETHANE HOSE FOR HIGH
TEMPERATURE APPLICATIONS**

HIGH TEMP. PU HOSE - 145°C



Structure :

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

Available Wall thickness: 0.7 / 1 / 1.4 mm

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

Temperature range:

- 40° C + 145° C (short-term 165° C)

Standard Packing :

10 / 15 Meters









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HIGH TEMP. HOSE









Wall thick. 0.7 mm

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

Wall thick. 1 mm

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

Wall thick. 1.4 mm

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

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