

PU HOSE - HEAVY DUTY

Ether Grade & Food Grade

Wall Thickness: 0.8 mm

Since 1990
FLEXAFLEX



Structure:

Wall made of highly abrasion resistant Polyether - Polyurethane - as microbes and hydrolysis resistant version. Shore A ~85, copper-plated spring steel spiral embedded into the wall.

Wall Thickness:

0.8 mm

Characteristics:

Flexible and medium-heavy hose with a smooth interior, high tensile strength, excellent abrasion resistance, and superior elongation. Free from softeners, halogen-free, physiologically safe, and cadmium-free.

Acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for nonflammable dusts and bulks solids in Zone 22. Gases and liquids with low conductivity of electrostatic charges in Zone 2

Temperature range:

-40°C to + 90°C (short-term up to + 125°C)

Colour:

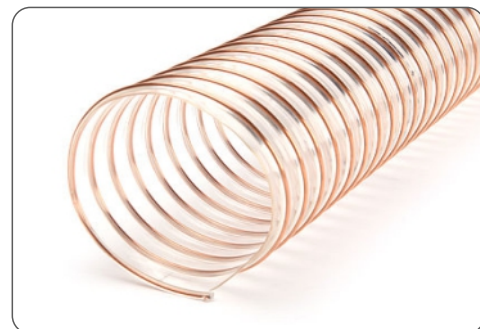
Transparent,

Applications:

Suction and conveying of abrasive particles and granules

Specials:

Also available as **Flame Retardant** **Permantly Antistatic**



 int. mm	 Out. mm	 mm	 mm	 kg/m app.	 mbar	 bar
32	38	0.8	32	0.250	550	2.3
★ 35	41	0.8	35	0.273	550	2.3
★ 38	44	0.8	38	0.295	550	2.3
40	46	0.8	40	0.310	550	2.3
★ 42	48	0.8	42	0.325	550	2.3
★ 45	54	0.8	45	0.347	550	2.3
★ 48	54	0.8	48	0.369	550	2.3
★ 50	56	0.8	50	0.384	550	2.3
51	57	0.8	51	0.392	420	2.0
55	61	0.8	55	0.421	420	2.0
60	66	0.8	60	0.459	420	2.0

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 int. mm	 Out. mm	 mm	 mm	 kg/m app.	 mbar	 bar
★ 65	71	0.8	65	0.496	420	2.0
70	76	0.8	70	0.518	420	2.0
★ 75	81	0.8	75	0.555	420	2.0
★ 76	82	0.8	76	0.562	420	2.0
★ 80	86	0.8	80	0.591	350	1.5
★ 83	89	0.8	83	0.613	350	1.5
90	96	0.8	90	0.663	350	1.5
100	107	0.8	100	0.868	350	1.5
102	109	0.8	102	0.885	300	1.0
110	117	0.8	110	0.954	300	1.0
120	127	0.8	120	1039	300	1.0
★ 125	132	0.8	125	1082	300	1.0
127	134	0.8	127	1099	300	1.0
130	137	0.8	130	1124	300	1.0
★ 140	147	0.8	140	1210	300	1.0
150	157	0.8	150	1295	300	1.0
★ 152	159	0.8	152	1312	300	1.0
160	167	0.8	160	1380	250	0.7
175	182	0.8	175	1508	250	0.7
180	187	0.8	180	1551	250	0.7
★ 200	207	0.8	200	1747	250	0.7
203	210	0.8	203	2146	250	0.7
225	232	0.8	225	2353	250	0.7
254	261	0.8	254	2612	150	0.5
★ 280	287	0.8	280	2923	150	0.5
305	312	0.8	305	3130	150	0.5
354	361	0.8	354	3648	150	0.5

● 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.

★All These sizes are not in our ready stocks. Can be arranged on bulk orders.

● Further diameters upon Bulk order request

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