



FLEXAFLEX HOSES INTERNATIONAL  
Ahmedabad



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## PU HOSE - HEAVY DUTY FOOD GRADE



### 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: MSC PU 0.8 MM**

### Temperature range:

-40°C up to +90°C  
Short Term +125°C

### Colour:

Transparent

### Characteristics:

Flexible hose with smooth interior and high tensile and abrasion strengths and ultimate elongation. Free of softeners, halogen free, physiological safe, 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

### Applications:

Hose for the woodworking, plastic and chemical industry for transportation of solids.

ID mm	OD mm	Wall Thick. mm	Bending Radius mm	Weight kg/m app.	Vacuum mbar	Pressure 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
★ 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



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ID mm	OD mm	Wall Thick. mm	Bending Radius mm	Weight kg/m app.	Vacuum mbar	Pressure bar
★ 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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