

# PU HOSE - HEAVY DUTY

## Ether Garde

Since 1990

# FLEXAFLEX

Wall Thickness: 1.4 mm



### Structure:

Wall made of highly abrasion resistant Polyether - Polyurethane - as microbes and hydrolysis resistant version (wall thickness between the spirals 1.4 mm), copper-plated spring steel spiral embedded into the wall.

### Characteristics:

Very smooth bore, good abrasion resistance, resistant to oil and petrol, non toxic, free of halogen and softeners, resistant to hydrolysis and microbes. ECO friendly

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** **Permanently Antistatic** versions.




 int mm	 Out mm	 mm	 mm	 kg/m app.	 mbar	 bar
25	-	1.4	38	0.30	0.86	2.85
30	-	1.4	45	0.37	0.86	2.85
32	-	1.4	48	0.38	0.86	2.85
35	-	1.4	53	0.45	0.76	2.47
38	-	1.4	57	0.52	0.71	2.28
40	-	1.4	60	0.56	0.67	2.19
51	-	1.4	75	0.67	0.57	1.80
60	-	1.4	90	0.79	0.52	1.71
70	-	1.4	105	0.92	0.48	1.52
76	-	1.4	113	0.98	0.48	1.14
80	-	1.4	120	1.09	0.42	1.14

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 int mm	 Out mm	 mm	 mm	 kg/m app.	 mbar	 bar
90	-	1.4	135	1.23	0.42	1.05
102	-	1.4	150	1.36	0.38	1.05
110	-	1.4	165	1.38	0.33	0.95
120	-	1.4	180	1.42	0.29	0.86
127	-	1.4	188	1.54	0.24	0.76
140	-	1.4	210	1.75	0.19	0.67
152	-	1.4	225	1.82	0.19	0.67
160	-	1.4	240	2.15	0.19	0.57
175	-	1.4	263	2.35	0.14	0.52
180	-	1.4	270	2.55	0.14	0.48
203	-	1.4	300	2.92	0.14	0.48
225	-	1.4	338	3.25	0.09	0.38
254	-	1.4	375	3.57	0.09	0.29
305	-	1.4	450	4.31	0.09	0.29
354	-	1.4	525	5.05	0.08	0.24
400	-	1.4	600	5.75	0.08	0.19
450	-	1.4	675	6.47	0.07	0.09

- 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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**FLEXAFLEX HOSES INDUSTRIES**

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