



FLEXAFLEX HOSES INTERNATIONAL
Ahmedabad



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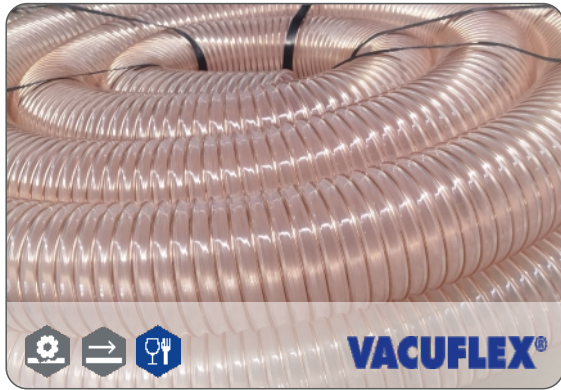
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PU HOSE - HEAVY DUTY (NON TOXIC)

PU 10 C ECO



Structure:

Wall made of highly abrasion resistant Polyether - Polyurethane - as microbes and hydrolysis resistant version (**wall thickness between the spirals 1mm**), 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 non- flammable dusts and bulks solids in Zone 22. Gases and liquids with low conductivity of electrostatic charges in Zone 2

Colour:

Transparent

Temperature range:

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

Applications:

Suction and conveying of abrasive particles and granules

Specials:

Also available as **Flame Retardant** **Permantly Antistatic** and **FDA Food Grade** versions.

I.D. Ø mm	Wall thickness mm	Bending Radius mm	Weight app. kg/m	Vacuum mbar	Pressure bar
25	1.0	16	0.19	0.52	1.38
30	1.0	22	0.25	0.52	1.38
32	1.0	25	0.27	0.52	1.28
35	1.0	33	0.30	0.43	1.19
★ 38	1.0	33	0.33	0.43	1.19
40	1.0	33	0.35	0.43	1.19



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I.D. Ø mm	Wall thickness mm	Bending Radius mm	Weight app. kg/m	Vacuum mbar	Pressure bar
50	1.0	42	0.41	0.33	1.14
60	1.0	52	0.47	0.29	1.09
75	1.0	67	0.61	0.24	1.00
80	1.0	72	0.65	0.22	1.00
90	1.0	86	0.80	0.22	0.81
100	1.0	93	0.95	0.22	0.67
110	1.0	107	1.02	0.19	0.62
120	1.0	113	1.08	0.19	0.62
125	1.0	117	1.13	0.19	0.52
140	1.0	133	1.18	0.14	0.52
150	1.0	145	1.25	0.14	0.42
160	1.0	155	1.34	0.14	0.38
180	1.0	175	1.68	0.11	0.33
200	1.0	195	1.87	0.09	0.29
215	1.0	211	2.01	0.09	0.29
225	1.0	219	2.11	0.08	0.24
250	1.0	247	2.35	0.08	0.24
300	1.0	297	3.08	0.06	0.19
350	1.0	347	3.75	0.05	0.17
400	1.0	397	4.24	0.05	0.14
450	1.0	448	5.42	0.05	0.14
500	1.0	500	60.2	0.05	0.14

- 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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