

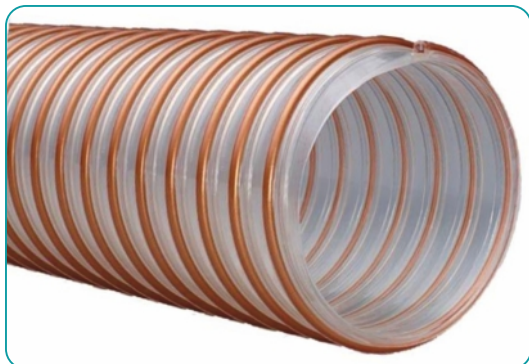
PU HOSE - HEAVY DUTY

Ether Grade & Food Grade

Wall Thickness: 2.5 mm

Since 1990

FLEXAFLEX



Structure:



Wall made of highly abrasion resistant Polyether - Polyurethane - as microbes and hydrolysis resistant version. Copper-plated spring steel spiral embedded into the wall.

Wall Thickness:



2.5 mm

Characteristics:



Excellent abrasion and vacuum resistance, good resistance to oil and petrol fumes, non toxic, very smooth bore, good flexibility, 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:



Any plastic, polymer, rubber, chemical, food and pharmaceutical industry for material handling - for auto loader (vacuum hopper loaders) for any of the auxiliary machines like mixers, dozers, pulverizers, feeders, dryers, injection molding machines and extruders. However for HOT PET Material / Glass filled material conveying where the processing (drying) temperature is very high (Temp. 120 to 180°C) you may use the following.

❖ Heat Resistant PU (HT-PU) Hose
Temp. 145°C /160°C

❖ Rigid Lined Silicon Hose (Wall Thick 3 mm)
Red Colour Temp. 200°C

Specials:



Also available as **Flame Retardant**
Permanently Antistatic



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 int mm	 Out mm	 mm	 mm	 kg/m app.	 mbar	 bar
40	-	2.5	100	1.10	0.81	3.33
45	-	2.5	113	1.22	0.81	3.14
51	-	2.5	125	1.35	0.81	3.09
60	-	2.5	150	1.62	0.81	3.04
70	-	2.5	175	1.89	0.76	2.85
76	-	2.5	188	1.95	0.76	2.38
80	-	2.5	200	2.08	0.76	2.09
90	-	2.5	225	2.34	0.67	1.95
102	-	2.5	250	2.59	0.67	1.57
110	-	2.5	275	2.85	0.67	1.42
120	-	2.5	300	3.10	0.62	1.38
130	-	2.5	325	3.28	0.62	1.23
140	-	2.5	350	3.53	0.52	1.19
152	-	2.5	375	3.72	0.52	1.02
160	-	2.5	400	3.97	0.48	0.95
180	-	2.5	450	4.19	0.48	0.86
203	-	2.5	500	4.40	0.39	0.81

- 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