

# PU HOSE - HEAVY DUTY

## Ether Grade & Food Grade

Wall Thickness: 0.6 mm



### Structure:

Wall made of highly abrasion resistant Polyether - Polyurethane - as microbes and hydrolysis resistant version (wall thickness between the spirals approx. 0.6 mm), Shore A ~85, copper-plated spring steel spiral embedded into the wall.

### Characteristics:

Very light and extremely flexible polyurethane hose with excellent tensile strength, abrasion resistance, and ultimate elongation. Free from softeners, halogen-free, physiologically safe, and cadmium-free. produced according to FDA regulations. Resistant to hydrolysis

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:

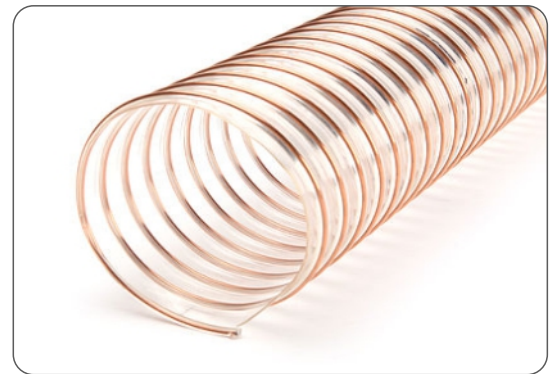
-40°C to + 90°C (short-term up to + 125°C)

### Colour:

Transparent,








### Applications:

This Heavy Duty quality suits well with all applications of various spinning mill machineries and wood working machineries for better service life but at a higher price levels. For OHTC and humidification plants light duty hose will not work. Similarly for dust collectors which handles particle board waste and sharp wood shavings, Light duty hose does not work well as the inside hose surface is not smooth or having sufficient wall thickness to withstand such abrasion. Hence heavy duty is the only alternative for the above applications and also for light material handling in plastic, rubber, food and pharmaceutical industries, warm air conveyance, Exhaust of smoke and chemical fumes and other air pollution control machineries in cement, metal crushing, rubber, food and pharmaceutical industries. For Flexographic /










### Specials:

Also available as **Flame Retardant** **Permanently Antistatic**

 int. mm	 Out. mm	 mm	 mm	 kg/m app.	 mbar	 bar
32	37	0.6	32	205	380	1.5
35	40	0.6	35	224	380	1.5
★ 38	43	0.6	38	242	380	1.5
40	45	0.6	40	254	380	1.5
★ 42	47	0.6	42	266	380	1.5
★ 45	50	0.6	45	285	380	1.5

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 int. mm	 Out. mm	 mm	 mm	 kg/m app.	 mbar	 bar
★ 48	53	0.6	48	303	380	1.5
★ 50	55	0.6	50	315	380	1.5
51	56	0.6	51	321	300	1.3
55	60	0.6	55	346	300	1.3
60	65	0.6	60	376	300	1.3
63	68	0.6	63	407	300	1.3
70	75	0.6	70	422	300	1.3
★ 75	80	0.6	75	451	300	1.3
76	81	0.6	76	457	300	1.3
80	85	0.6	80	481	250	0.8
★ 83	88	0.6	83	498	250	0.8
90	95	0.6	90	540	250	0.8
★ 100	106	0.6	100	731	250	0.8
102	108	0.6	102	745	200	0.6
110	116	0.6	110	802	200	0.6
120	126	0.6	120	874	200	0.6
★ 125	131	0.6	125	910	200	0.6
127	133	0.6	127	924	200	0.6
130	136	0.6	130	946	200	0.6
140	146	0.6	140	1018	200	0.6
★ 150	156	0.6	150	1090	200	0.6
152	158	0.6	152	1104	200	0.6
160	166	0.6	160	1161	150	0.3
175	181	0.6	175	1269	150	0.3
180	186	0.6	180	1305	150	0.3
★ 200	206	0.6	200	1420	150	0.3
203	209	0.6	203	1470	150	0.3
★ 225	231	0.6	225	2045	150	0.3
254	260	0.6	254	2270	75	0.2
280	286	0.6	280	2541	75	0.2
305	311	0.6	305	2721	75	0.2
354	360	0.6	354	3171	75	0.2

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- 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