

PLUTONE PU

Braided polyurethane stainless steel spiral reinforced suction and delivery hose

Temperature Range: - 40°C+90°C, (+125°C short time).

Features: Ether based polyurethane hose reinforced with stainless steel helix. Completely smooth inside and outside to ensure optimization of flow properties and for a easy and effective cleaning before and after using. It can be used in the pharmaceutical industry according Pharma USP CLASSE VI regulation. Food grade in accordance with European (2002/72/CEE and further amendments) and US (FDA title 21 CFR 177.1680 and 177.2600) regulations.



Odourless, it doesn't change the organoleptical properties of the delivered materials. Very good hydrolysis and microbes resistance. Flexible and not heavy though its wall thickness. Good resistance to mineral oils and chemicals, excellent resistance to ozone, weather and aging. Halogen free and conform to RoHS regulations, it can be made electrically bonded according TRB S 2153 by grounding the spiral.

Applications: suction and transport hose for the pharmaceutical and the food industry pulvers (pills and other granules, pharmaceutical solutions, food flours, drinks, wine, vinegar and spirits with max 15% alcohol content). Delivery of high abrasion materials, where a microbe's resistance is required.

Inside Ø	Outside Ø	Weight	Working pressure	Bursting pressure	Vacuum	Bending radius	Roll length	Volume
mm	mm	g/m	bar	bar	mH2O	mm	m	m ³
13	23.5	365	19	57	10	65	60	0.085
20	32	585	19	57	10	100	60	0.127
25	37.5	745	12	36	10	125	60	0.159
32	44	880	11	33	9	160	60	0.218
38	51	1105	10	30	9	190	30	0.233
50	65	1695	8	24	8	250	30	0.291