



PLUTONE PU PRESS

Colour: transparent

Temperature range: -30°C +90 / -22°F +194°F (peaks at max 125°C/ 257°F). For cleaning and disinfecting, consult IPL's cleaning instructions. We do not recommend the use of SIP cleaning , which can severely impair the hose life.

flexible hose made from ether-based hygienic TPU with AISI 302 stainless steel spiral and polyester reinforcement. Inside and outside completely smooth to enhance flow properties and allow easy cleaning and sterilization processes. It can be electrically bonded by grounding the spiral, according to TRB S 2153.

The extruded, low porosity TPU tube reduces permeation problems. Highly neutral in taste and odor, it preserves the organoleptic properties of the medium. Very good chemical resistance to acids and alkaline solutions and good impermeability. Versatile rubber resistant also to oils and fats under common use conditions. Without halogens.

Cover features: excellent resistance to ozone, ageing and weather condition.

Curing-free material: Plutone PU Press does not need any vulcanization process, therefore it prevents the risk of leaching of curing agent residues into the end product (peroxide or platinum volatile rests). It allows to save energy sources and limit CO2 emissions.

Standards: Food grade according to the EU Regulation n° 10/2011 , FDA regulations (Title 21 CFR 177.2600). Compliant with the pharmaceutical standard USP CLASS VI.

APPLICATIONS:

suction and delivery of powders and high abrasive granules. Ideal solution to convey pharmaceutical

and cosmetic powders, pills, tablets of medicines; for food flours and grains, sugar, salt, dry fruit.
Suitable also for food, pharmaceutical and cosmetic liquids with alcohol concentration of max 20%.

See recommendations for technical suitability

Date: 5th September 2013 - Revision 03 replacing previous editions.

TECHNICAL DATA:

Part number	Inside Ø	Outside Ø	Weight	Working pressure	Bursting pressure	Vacuum	Bending radius	Roll length	Volume
	mm	mm	g/m	bar	bar	mH2O	mm	m	m³
PN 01 013.0 023.5	13	23.5	365	19	57	10	65	60	0.085
PN 01 020.0 032.0	20	32	590	17	51	10	100	60	0.127
PN 01 025.0 037.5	25	37.5	750	12	36	10	125	60	0.159
PN 01 032.0 044.0	32	44	885	11	33	9	160	60	0.218
PN 01 038.0 051.0	38	51	1110	10	30	9	190	30	0.233
PN 01 050.0 065.0	50,5	65	1695	8	24	8	252	30	0.291

