

# PLUTONE PU



+90°C  
-40°C  
峰值/peaks  
125°C

**透明聚醚型TPU软管，AISI302不锈钢螺旋增强** 内外壁光滑，确保介质流动性，可简单清洗和消毒；挤出工艺和低孔隙，减少渗透问题；味道和气味高度中性，保留了介质的原有属性；良好的耐酸碱性和抗渗性，在常规使用条件下也能抵抗油和脂肪；优异的耐微生物性和耐水解性，无硫化；软管两端螺旋钢丝接地可导静电。

• 抽吸粉末和高磨损颗粒；可用于输送医药和化妆品粉末、药丸、药片；用于面粉和谷物、糖、盐、干果。也适用于食品液体以及酒精浓度达到20%的医药和化妆品液体。  
符合欧盟EU Regulation 10/2011 (classes A, B, C, D2, E) 和美国FDA regulations (Title 21 CFR 177.2600, classes D, E, F)食品级标准。

*Transparent hose made from ether-based TPU, with AISI 302 stainless steel spiral. Inside and outside completely smooth to enhance flow properties and allow easy cleaning and sterilization processes.*

*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. Excellent resistance to Hydrolysis and microbes. Curing-free material. It can be electrically bonded by grounding the spiral.*

• *Suction 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 up to max 20%.*

*Food grade according to the EU Regulation 10/2011 (classes A, B, C, D2, E), FDA regulations (Title 21 CFR 177.2600, classes D, E, F)*



螺旋不锈钢丝 / Inox steel spiral

聚醚型TPU / Ether based TPU

技术参数 / Technical data

代码	内径	外径	重量	工作压力	爆破压力	负压	弯曲半径	每卷长度	体积
Code	Ins. Ø	Out Ø	Weight	WP	BP	Vac.	Bending	Coil lgth.	Vol.
	mm	mm	g/m	bar	bar	m H <sub>2</sub> O	mm	m	m <sup>3</sup>
PQ 01 012.0 018.0	12*	18	180	2,5	12,5	9,5	60	60	0,033
PQ 01 016.0 022.4	16*	22,4	245	2,5	12,5	9,5	80	60	0,048
PQ 01 020.0 027.0	20*	27	320	2,5	12,5	9,5	100	60	0,086
PQ 01 025.0 033.0	25	33	460	2,0	10	9,5	120	60	0,127
PQ 01 032.0 040.4	32*	40,4	595	2,0	10	8,5	180	60	0,155
PQ 01 038.0 047.0	38	47	740	2,0	10	8,5	190	30	0,120
PQ 01 040.0 049.2	40*	49,2	790	2,0	10	8,5	200	30	0,126
PQ 01 050.8 060.8	50,8	60,8	1170	1,5	7,5	8	250	30	0,263
PQ 01 063.0 074.8	63*	74,8	1655	1,5	7,5	8	300	30	0,323
PQ 01 076.0 088.2	76*	88,2	2030	1,5	7,5	7	380	30	0,381

\* 如有需求，请与我们的销售办事处联系，以获得更多的信息和数据 / \*Available on request, contact our sales office for more info and quantities

以上数据均在温度23°C和相对湿度50%下测量 / The technical data here reported were measured at 23°C with 50% humidity