

Suction and blast hose for the food and pharmaceutical industries (FDA); PUR + stainless steel, super-light + reinforced, compressible 3:1

Applications: Suction and blast hose, especially suitable:

- for abrasive solids such as dust, powder, fibres and chips
- for gaseous media such as vapors and smoke
- for de-dusting and suction plants
- for the food and pharmaceutical industry

Properties

- super-light and reinforced model
- highly flexible + compressible 3:1
- abrasion-proof (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVC´s)
- optimized flow properties
- high tensile strength and tear resistant
- food grade wall, complies with: FDA 21 CFR 177.2600 and 178.2010, EU Directive 2002/72 /EC, incl. amending Directives 975/2009 and Regulation No. 10/2011

- approved by an independent testing laboratory for the complete hose acc. to EU Directive 2002 /72/EC, incl. amending Directives 2008/39/EC and 975/2009
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to chemicals
- good resistance to UV and ozone
- very good low temperature flexibility (better than comparable ester-polyurethanes)
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

Design, material

PROTAPE® tape hose

1. spring steel wire integrated in wall
spiral: stainless steel wire (INOX)
2. extruded tape
wall: special premium ether-polyurethane (Pre-PUR®)
3. wall thickness 0.6 mm approx.

Delivery variants

- cut lengths and special lengths
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without food applicability
- customised connectors

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Stock Lengths m	Further Production Lengths m	Order No.
		Overpressure bar	Vacuum bar					
38	45	1,060	0,320	45	0,250	-	10	330-0038-1103
40	47	1,015	0,300	47	0,280	10	-	330-0040-1103
50	58	0,815	0,260	58	0,360	10	-	330-0050-1103
60	68	0,680	0,210	68	0,430	-	10	330-0060-1103
65	73	0,630	0,180	73	0,470	10	-	330-0065-1103
70	78	0,585	0,150	78	0,500	-	10	330-0070-1103
75	83	0,545	0,140	83	0,530	-	10	330-0075-1103
80	88	0,510	0,130	88	0,570	10	-	330-0080-1103
100	108	0,410	0,090	108	0,660	10	-	330-0100-1103
120	128	0,340	0,075	128	0,790	-	10	330-0120-1103
125	133	0,330	0,060	133	0,820	10	-	330-0125-1103
150	158	0,275	0,055	158	0,980	10	-	330-0150-1103
160	168	0,255	0,050	168	1,040	-	10	330-0160-1103
180	188	0,230	0,040	188	1,170	-	10	330-0180-1103
200	208	0,205	0,040	208	1,290	-	10	330-0200-1103

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.



Accessories

13.1.0



NORCLAMP 212

13.6.0



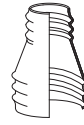
NORCLAMP 217

13.7.0



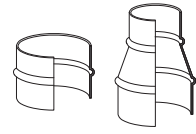
NORCLAMP 213

13.14.0



NORCONNECT 223

13.18.0



NORCONNECT 270-271