

Abrasion-proof and microbe/ hydrolysis resistant suction and transport hose; Crush-proof

Applications: Abrasion-proof suction and transport hose, especially suitable:

- for abrasive solids such as dust, powder, fibres, chips and granulates
- for gaseous and liquid media
- for public utility street cleaning vehicles
- for lawnmowers, grass sweeping machines and leaves exhaust
- for fodder transport

Properties

- vibration resistant
- crush-proof
- medium-heavy model
- highly flexible
- highly 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
- microbe and hydrolysis resistant
- good resistance to mineral oils and gasoline
- 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

Temperature Range

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

Design, material

- PROTAPE® tape hose
1. special plastic-profile supporting spiral
 2. extruded tape wall: special premium ether-polyurethane (Pre-PUR®)
 3. wall thickness 0.9 mm approx.

Delivery variants

- cut lengths and special lengths
- transparent + partially black coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- grounding wire

I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
50	67	1,235	0,270	100	0,630	10	-	327-0050-0000
60	77	1,035	0,200	110	0,740	-	10	327-0060-0000
75	92	0,830	0,140	125	0,910	-	10	327-0075-0000
80	97	0,775	0,100	130	0,960	-	10	327-0080-0000
100	117	0,620	0,050	140	1,180	10	-	327-0100-0000
120	137	0,520	0,035	165	1,410	-	10	327-0120-0000
125	142	0,505	0,035	175	1,460	10	-	327-0125-0000
140	157	0,450	0,030	190	1,630	-	10	327-0140-0000
150	167	0,415	0,025	200	1,740	10	-	327-0150-0000
160	177	0,390	0,020	210	1,850	-	10	327-0160-0000
200	217	0,315	0,010	250	2,300	10	-	327-0200-0000

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



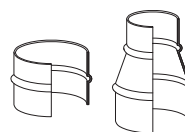
NORCLAMP 217

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NORCLAMP 213

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NORCONNECT 270-271