

Abrasion-proof special hose; Flat hose without reinforcement, vibration resistant, highly flexible, smooth interior

Applications: Special and abrasion-proof hose, especially suitable:

- for screening machines, vibrating screening machines and tumbler screening machines
- as bellows and compensator
- for the food and pharmaceutical industry

Properties

- vibration resistant
- highly flexible
- 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)
- smooth interior
- 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 mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- very good low temperature flexibility (better than comparable ester-polyurethanes)
- free of softener and halogen
- gas and liquid tight
- grounding wire
- 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. extruded tape
2. wall thickness 1.0 mm approx.
wall: special premium ether-polyurethane (Pre-PUR®)
3. smooth interior
4. grounding wire

Delivery variants

- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- customized designs with other wall thickness
- wall: „bioplastic“ material derived from renewable raw materials without food applicability

I.D. mm	O.D. mm	Rec. operating limits	Weight kg/m	Lengths	Order No.
		Overpressure bar			
80	85	0,860	0,520	2,5 5	335-0080-2878
85	90	0,800	0,560	2,5 5	335-0085-2878
90	95	0,770	0,600	2,5 5	335-0090-2878
100	105	0,690	0,660	2,5 5	335-0100-2878
110	115	0,630	0,730	2,5 5	335-0110-2878
115	120	0,605	0,750	2,5 5	335-0115-2878
120	125	0,580	0,790	2,5 5	335-0120-2878
125	130	0,560	0,820	2,5 5	335-0125-2878
130	135	0,535	0,860	2,5 5	335-0130-2878
140	145	0,500	0,930	2,5 5	335-0140-2878
150	155	0,460	1,000	2,5 5	335-0150-2878
155	160	0,440	1,020	2,5 5	335-0155-2878
160	165	0,435	1,060	2,5 5	335-0160-2878
165	170	0,420	1,090	2,5 5	335-0165-2878
170	175	0,410	1,130	2,5 5	335-0170-2878
175	180	0,400	1,160	2,5 5	335-0175-2878
180	185	0,385	1,200	2,5 5	335-0180-2878
200	205	0,350	1,310	2,5	335-0200-2878
205	210	0,345	1,370	2,5	335-0205-2878
220	225	0,320	1,470	2,5	335-0220-2878
225	230	0,310	1,500	2,5	335-0225-2878
235	240	0,295	1,570	2,5	335-0235-2878
250	255	0,280	1,680	2,5	335-0250-2878
275	280	0,255	1,840	2,5	335-0275-2878
280	285	0,250	1,880	2,5	335-0280-2878
300	305	0,230	2,010	2,5	335-0300-2878



I.D.	O.D.	Rec. operating limits	Weight	Lengths	Order No.
mm	mm	Overpressure bar	kg/m		
305	310	0,230	2,060	2,5	335-0305-2878
325	330	0,215	2,160	2,5	335-0325-2878
350	355	0,200	2,310	2,5	335-0350-2878
400	405	0,170	2,660	2,5	335-0400-2878
405	410	0,170	2,740	2,5	335-0405-2878
450	455	0,155	2,960	2,5	335-0450-2878
500	505	0,140	3,220	2,5	335-0500-2878
600	605	0,110	3,800	2,5	335-0600-2878

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.

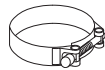
Accessories

13.3.0



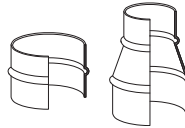
NORCLAMP 208

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NORCLAMP 211

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NORCONNECT 270-271