

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 Directive 975/2009 and Regulation No. 10/2011
- 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
- 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. extruded tape
 2. wall thickness 1.0 mm approx.
wall: special premium ether-polyurethane (Pre-PUR®)
 3. smooth interior

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.	O.D.	Rec. operating limits	Weight	Stock Lengths	Further Production Lengths	Order No.
mm	mm	Overpressure bar	kg/m	m	m	
80	85	0,510	0,470	5	2,5	335-0080-0000
85	90	0,480	0,500	5	2,5	335-0085-0000
90	95	0,455	0,540	-	2,5 5	335-0090-0000
100	105	0,410	0,590	5	2,5	335-0100-0000
110	115	0,375	0,650	5	2,5	335-0110-0000
115	120	0,355	0,670	-	2,5 5	335-0115-0000
120	125	0,340	0,700	5	2,5	335-0120-0000
125	130	0,330	0,730	5	2,5	335-0125-0000
130	135	0,315	0,760	-	2,5 5	335-0130-0000
140	145	0,295	0,820	-	2,5 5	335-0140-0000
150	155	0,275	0,880	5	2,5	335-0150-0000
155	160	0,265	0,900	5	2,5	335-0155-0000
160	165	0,255	0,930	-	2,5 5	335-0160-0000
165	170	0,250	0,960	5	2,5	335-0165-0000
170	175	0,240	0,990	-	2,5 5	335-0170-0000
175	180	0,235	1,020	-	2,5 5	335-0175-0000
180	185	0,230	1,050	5	2,5	335-0180-0000
200	205	0,205	1,140	5	2,5	335-0200-0000
205	210	0,200	1,190	5	2,5	335-0205-0000
220	225	0,185	1,280	-	2,5 5	335-0220-0000
225	230	0,180	1,310	-	2,5 5	335-0225-0000
235	240	0,175	1,360	-	2,5 5	335-0235-0000
250	255	0,165	1,450	5	2,5	335-0250-0000
275	280	0,150	1,590	5	2,5	335-0275-0000
280	285	0,145	1,620	-	2,5 5	335-0280-0000
300	305	0,135	1,730	-	2,5 5	335-0300-0000
305	310	0,135	1,770	5	2,5	335-0305-0000
325	330	0,125	1,890	-	2,5 5	335-0325-0000



I.D.	O.D.	Rec. operating limits Overpressure	Weight	Stock Lengths	Further Production Lengths	Order No.
mm	mm	bar	kg/m	m	m	
350	355	0,115	2,030	-	2,5 5	335-0350-0000
400	405	0,105	2,300	-	2,5 5	335-0400-0000
405	410	0,105	2,340	5	2,5	335-0405-0000
450	455	0,090	2,600	-	2,5	335-0450-0000
500	505	0,080	2,890	-	2,5	335-0500-0000
600	605	0,060	3,230	-	2,5	335-0600-0000

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.

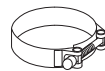
Accessories

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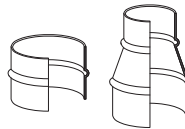
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