

Antistatic polyurethane hose, light, microbe resistant + flame-retardant

**Applications**

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- printed circuit board drilling machine (PCB)
- extraction unit, dedusting system, filter system, oil mist extraction
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- heating hose: exterior hose as protection hose

**Properties**

- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: electrical and surface resistance <math><10^9 \Omega</math>
- in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- conforms to RoHS guideline

**Temperature Range**

- 40°C to 90°C
- short time to 125°C

**Design, Material**

patented PROTAPE® tape hose

- spring steel wire integrated in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- wall thickness 0,6 mm approx.

**Delivery variants**

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
1 / 25	32	1,600	0,370	20	0,170	5 10	15	330-0025-1002
- / 30	37	1,345	0,355	22	0,200	5 10	15	330-0030-1002
1,25 / 32	39	1,260	0,350	23	0,210	5 10 15	-	330-0032-1002
1,5 / 38	45	1,060	0,320	26	0,250	5 10 15	-	330-0038-1002
- / 40	47	1,015	0,315	27	0,280	5 10 15	-	330-0040-1002
1,75 / 44-45	52	0,900	0,295	30	0,310	-	5 10 15	330-0045-1002
2 / 50-51	58	0,815	0,275	33	0,360	5 10 15	-	330-0050-1002
2,36 / 60	68	0,680	0,258	38	0,430	5 10 15	-	330-0060-1002
2,5 / 63-65	73	0,630	0,225	41	0,470	5 10	15	330-0065-1002
- / 70	78	0,585	0,188	43	0,500	5 10 15	-	330-0070-1002
3 / 75-76	83	0,545	0,156	46	0,530	5 10 15	-	330-0075-1002
- / 80	88	0,510	0,145	48	0,570	5 10 15	-	330-0080-1002
3,5 / 89-90	98	0,455	0,135	53	0,630	5 10 15	-	330-0090-1002
4 / 100-102	108	0,410	0,120	58	0,660	5 10 15	-	330-0100-1002
- / 110	118	0,375	0,095	63	0,730	5 10 15	-	330-0110-1002
4,5 / 114-115	123	0,355	0,085	66	0,760	5 10 15	-	330-0115-1002
4,72 / 120	128	0,340	0,085	68	0,790	5 10	15	330-0120-1002
5 / 125-127	133	0,330	0,078	71	0,820	5 10 15	-	330-0125-1002
- / 130	138	0,315	0,063	73	0,850	5 10	15	330-0130-1002
5,5 / 140	148	0,295	0,063	78	0,920	5 10 15	-	330-0140-1002
6 / 150-152	158	0,275	0,063	83	0,980	5 10 15	-	330-0150-1002

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at [www.norres.com](http://www.norres.com). The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.



I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
6,3 / 160	168	0,255	0,058	88	1,040	5 10 15	-	330-0160-1002
6,5 / 165	173	0,248	0,058	91	1,075	-	5 10 15	330-0165-1002
- / 170	178	0,240	0,058	93	1,110	5 10	15	330-0170-1002
- / 175	183	0,235	0,048	96	1,140	5 10	15	330-0175-1002
7 / 178-180	188	0,230	0,042	98	1,170	5 10 15	-	330-0180-1002
8 / 200-203	208	0,205	0,042	108	1,540	5 10 15	-	330-0200-1002
- / 225	233	0,180	0,042	121	1,750	5 10 15	-	330-0225-1002
9 / 228-229	236	0,180	0,032	122	1,770	-	5 10 15	330-0228-1002
- / 250	258	0,165	0,032	133	1,900	5 10 15	-	330-0250-1002
10 / 254	262	0,165	0,016	135	1,940	5 10 15	-	330-0254-1002
- / 275	283	0,150	0,016	146	2,110	-	5 10	330-0275-1002
11 / 280	288	0,145	0,016	148	2,150	5 10	-	330-0280-1002
- / 300	309	0,135	0,016	159	2,530	5 10 15	-	330-0300-1002
12 / 305	314	0,135	0,016	162	2,570	5 10 15	-	330-0305-1002
- / 315	324	0,130	0,016	167	2,650	5 10	-	330-0315-1002
- / 325	334	0,125	0,010	172	2,740	-	5 10	330-0325-1002
13 / 330	339	0,123	0,010	174	2,800	-	5 10	330-0330-1002
- / 350	359	0,115	0,010	184	2,950	5 10	-	330-0350-1002
14 / 356	365	0,113	0,010	187	3,000	5 10	-	330-0356-1002
- / 400	409	0,105	0,010	209	3,360	5 10	-	330-0400-1002
16 / 405-406	415	0,103	0,010	212	3,410	-	5 10	330-0406-1002
- / 450	459	0,090	0,010	234	3,770	5 10	-	330-0450-1002
18 / 457	466	0,088	0,006	238	3,970	-	5 10	330-0457-1002
- / 500	510	0,080	0,005	260	5,160	5 10	-	330-0500-1002
20 / 508	518	0,078	0,005	265	5,380	-	5 10	330-0508-1002

Accessories



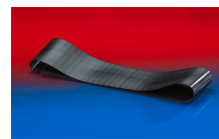
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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