

Antistatic polyurethane hose for the wood industry, light, flame-retardant

Applications

- extraction unit, dedusting system, filter system, oil mist extraction
- explosion hazard area
- wood dust extraction, wood chips: furniture production, saw mill
- wood dust extraction: CNC machine, CNC machining center (especially for fast moving systems)
- bellows, compensators

Properties

- light weight
- highly flexible + compressible 4:1
- abrasion-resistant
- microbe resistant

- good resistance to oil, gasoline and chemicals
- 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: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 1
- conforms to RoHS guideline

Temperature Range

- -40°C to 90°C
- short time to 125°C

Design, Material

patented PROTAPE® tape hose

1. spring steel wire integrated in wall
2. wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
3. wall thickness 0,4 mm approx.

Delivery variants

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

I.D. in / mm	O.D. mm	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
2 / 50-51	58	0,259	33	0,240	5 10	15	531-0050-0000
2,36 / 60	68	0,205	38	0,340	5 10	15	531-0060-0000
2,5 / 63-65	73	0,183	40	0,360	5 10	15	531-0065-0000
- / 70	78	0,150	43	0,390	5 10	15	531-0070-0000
3 / 75-76	83	0,140	45	0,410	5 10	15	531-0075-0000
- / 80	88	0,130	48	0,440	5 10	15	531-0080-0000
3,5 / 89-90	98	0,113	53	0,490	5 10	15	531-0090-0000
4 / 100-102	108	0,085	58	0,520	5 10	15	531-0100-0000
- / 110	118	0,081	63	0,570	5 10	15	531-0110-0000
4,5 / 114-115	123	0,075	66	0,590	-	5 10 15	531-0115-0000
4,72 / 120	128	0,075	68	0,620	5 10	15	531-0120-0000
5 / 125-127	133	0,060	71	0,640	5 10	15	531-0125-0000
- / 130	138	0,060	73	0,680	-	5 10 15	531-0130-0000
5,5 / 140	148	0,055	78	0,720	5 10	15	531-0140-0000
6 / 150-152	158	0,055	83	0,770	5 10	15	531-0150-0000
6,3 / 160	168	0,048	88	0,820	5 10	15	531-0160-0000
6,5 / 165	173	0,048	91	0,845	-	5 10 15	531-0165-0000
- / 170	178	0,048	93	0,870	-	5 10 15	531-0170-0000
- / 175	183	0,044	96	0,900	-	5 10 15	531-0175-0000
7 / 178-180	188	0,044	98	0,920	5 10	15	531-0180-0000
8 / 200-203	208	0,038	108	1,040	5 10	15	531-0200-0000
- / 225	233	0,027	121,5	1,170	-	5 10 15	531-0225-0000
9 / 228-229	236	0,027	123	1,185	-	5 10 15	531-0228-0000

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. 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	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 250	258	0,016	136	1,300	5 10	15	531-0250-0000
10 / 254	262	0,016	144	1,310	-	5 10 15	531-0254-0000
- / 275	283	0,016	146,5	1,410	-	5 10 15	531-0275-0000
11 / 280	288	0,010	149	1,450	5 10	15	531-0280-0000
- / 300	309	0,010	159	1,730	5 10	15	531-0300-0000
12 / 305	314	0,010	162,5	1,760	-	5 10 15	531-0305-0000
- / 315	324	0,010	167,5	1,820	5 10	15	531-0315-0000
- / 350	359	0,010	185	2,010	5 10	15	531-0350-0000
14 / 356	365	0,010	190	2,045	-	5 10 15	531-0356-0000
- / 400	409	0,007	210	2,300	5 10	15	531-0400-0000
16 / 405-406	415	0,005	215	2,335	-	5 10 15	531-0406-0000

Accessories



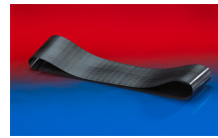
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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