

Antistatic polyurethane hose for the woodworking industry, medium-heavy, 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: vertical panel saw, saw, woodworking machine, edge processing machine, parquet flooring grinding machine

Properties

- medium-heavy duty
- highly flexible + compressible 3:1
- 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 $<10^9 \Omega$
- 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

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 0,6 mm approx.

Delivery variants

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

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.
1,5 / 38	45	0,320	26	0,250	-	5 10 15	532-0038-0000
- / 40	47	0,315	27	0,260	5 10	15	532-0040-0000
1,75 / 44-45	52	0,295	30	0,290	-	5 10 15	532-0045-0000
2 / 50-51	58	0,275	33	0,360	5 10	15	532-0050-0000
- / 55	63	0,258	36	0,390	-	5 10 15	532-0055-0000
2,36 / 60	68	0,225	38	0,430	5 10 15	-	532-0060-0000
2,5 / 63-65	73	0,188	41	0,470	5 10	15	532-0065-0000
- / 70	78	0,156	43	0,500	5 10	15	532-0070-0000
3 / 75-76	83	0,145	46	0,530	5 10	15	532-0075-0000
- / 80	88	0,135	48	0,570	5 10 15	-	532-0080-0000
3,5 / 89-90	98	0,120	53	0,630	5 10	15	532-0090-0000
4 / 100-102	108	0,095	58	0,660	5 10 15	-	532-0100-0000
- / 110	118	0,085	63	0,730	5 10	15	532-0110-0000
4,5 / 114-115	123	0,085	66	0,760	-	5 10 15	532-0115-0000
4,72 / 120	128	0,078	68	0,790	5 10	15	532-0120-0000
5 / 125-127	133	0,063	71	0,820	5 10 15	-	532-0125-0000
- / 130	138	0,063	73	0,850	5 10	15	532-0130-0000
5,5 / 140	148	0,063	78	0,920	5 10 15	-	532-0140-0000
6 / 150-152	158	0,058	83	0,980	5 10 15	-	532-0150-0000
6,3 / 160	168	0,058	88	1,040	5 10 15	-	532-0160-0000
6,5 / 165	173	0,058	91	1,075	-	5 10 15	532-0165-0000
- / 170	178	0,048	93	1,110	-	5 10 15	532-0170-0000
- / 175	183	0,042	96	1,140	-	5 10 15	532-0175-0000

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.
7 / 178-180	188	0,042	98	1,170	5 10 15	-	532-0180-0000
8 / 200-203	208	0,042	108	1,540	5 10 15	-	532-0200-0000
- / 225	233	0,032	121	1,750	5 10	15	532-0225-0000
9 / 228-229	236	0,032	122	1,770	-	5 10 15	532-0228-0000
- / 250	258	0,016	133	1,900	5 10	15	532-0250-0000
10 / 254	262	0,016	135	1,935	-	5 10 15	532-0254-0000
- / 275	283	0,016	146	2,110	-	5 10	532-0275-0000
11 / 280	288	0,016	148	2,150	5 10	-	532-0280-0000
- / 300	309	0,016	159	2,530	5 10	-	532-0300-0000
12 / 305	314	0,016	162	2,570	-	5 10	532-0305-0000
- / 315	324	0,010	167	2,650	5 10	-	532-0315-0000
- / 325	334	0,010	172	2,740	-	5 10	532-0325-0000
13 / 330	339	0,010	174	2,780	-	5 10	532-0330-0000
- / 350	359	0,010	184	2,950	5 10	-	532-0350-0000
14 / 356	365	0,010	187	3,000	-	5 10	532-0356-0000
- / 400	409	0,010	209	3,360	5 10	-	532-0400-0000
16 / 405-406	415	0,010	212	3,410	-	5 10	532-0406-0000

Accessories



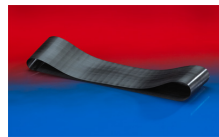
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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