

Antistatic polyurethane hose for the woodworking industry, medium-heavy, flame-resistant

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: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to NFPA 652 $10^8-10^9 \Omega$)
- in accordance with ATEX 2014/34/EU (1999/92/EC) 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
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -40°C to 90°C
- short time to 125°C

Design

- PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
- 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. | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No. |
|--------------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| - / 40 | 47.00 | 1,020 | 0,335 | 27.00 | 0.26 | 10 15 | 5 | 532-0040-0000 |
| 1,75 / 44-45 | 52.00 | 0,910 | 0,300 | 30.00 | 0.29 | 10 15 | 5 | 532-0045-0000 |
| 2 / 50-51 | 58.00 | 0,820 | 0,220 | 33.00 | 0.36 | 10 15 | 5 | 532-0050-0000 |
| - / 55 | 63.00 | 0,755 | 0,200 | 36.00 | 0.39 | 10 15 | 5 | 532-0055-0000 |
| 2,36 / 60 | 68.00 | 0,685 | 0,180 | 38.00 | 0.43 | 5 10 15 | 5 | 532-0060-0000 |
| 2,5 / 63-65 | 73.00 | 0,635 | 0,165 | 41.00 | 0.47 | 10 15 | 5 | 532-0065-0000 |
| - / 70 | 78.00 | 0,590 | 0,155 | 43.00 | 0.50 | 10 15 | 5 | 532-0070-0000 |
| 3 / 75-76 | 83.00 | 0,550 | 0,145 | 46.00 | 0.53 | 10 15 | 5 | 532-0075-0000 |
| - / 80 | 88.00 | 0,515 | 0,135 | 48.00 | 0.57 | 5 10 15 | - | 532-0080-0000 |
| 3,5 / 89-90 | 98.00 | 0,460 | 0,120 | 53.00 | 0.63 | 10 15 | 5 | 532-0090-0000 |
| 4 / 100-102 | 108.00 | 0,415 | 0,080 | 58.00 | 0.66 | 5 10 15 | - | 532-0100-0000 |
| - / 110 | 118.00 | 0,375 | 0,070 | 63.00 | 0.73 | 10 15 | 5 | 532-0110-0000 |
| 4,72 / 120 | 128.00 | 0,345 | 0,065 | 68.00 | 0.79 | 5 10 15 | - | 532-0120-0000 |
| 5 / 125-127 | 133.00 | 0,335 | 0,065 | 71.00 | 0.82 | 5 10 15 | - | 532-0125-0000 |
| - / 130 | 138.00 | 0,320 | 0,060 | 73.00 | 0.85 | 10 15 | 5 | 532-0130-0000 |
| 5,5 / 140 | 148.00 | 0,295 | 0,055 | 78.00 | 0.92 | 10 15 | 5 | 532-0140-0000 |
| 6 / 150-152 | 158.00 | 0,275 | 0,055 | 83.00 | 0.98 | 5 10 15 | - | 532-0150-0000 |
| 6,3 / 160 | 168.00 | 0,260 | 0,050 | 88.00 | 1.04 | 10 15 | 5 | 532-0160-0000 |
| 7 / 178-180 | 188.00 | 0,230 | 0,045 | 98.00 | 1.17 | 10 15 | 5 | 532-0180-0000 |
| 8 / 200-203 | 208.00 | 0,210 | 0,030 | 108.00 | 1.54 | 5 10 15 | - | 532-0200-0000 |
| - / 225 | 233.00 | 0,185 | 0,025 | 121.00 | 1.75 | 10 15 | 5 | 532-0225-0000 |
| - / 250 | 258.00 | 0,165 | 0,025 | 133.00 | 1.90 | 5 10 15 | - | 532-0250-0000 |

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. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at www.norres.com/en/technology/.

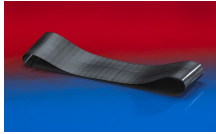


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| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| 11 / 280 | 288.00 | 0,150 | 0,020 | 148.00 | 2.15 | 10 | 5 | 532-0280-0000 |
| - / 300 | 309.00 | 0,140 | 0,020 | 159.00 | 2.53 | 10 | 5 | 532-0300-0000 |
| - / 315 | 324.00 | 0,135 | 0,020 | 167.00 | 2.65 | 10 | 5 | 532-0315-0000 |
| - / 350 | 359.00 | 0,120 | 0,020 | 184.00 | 2.95 | 10 | 5 | 532-0350-0000 |
| - / 400 | 409.00 | 0,105 | 0,015 | 209.00 | 3.36 | 10 | 5 | 532-0400-0000 |

Accessories



CLAMP 212



CONNECT 228



CONNECT 270-271



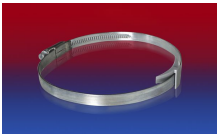
CONNECT 223



CLAMP 217



CLAMP 213



CLAMP 210 BRIDGE
CLAMP