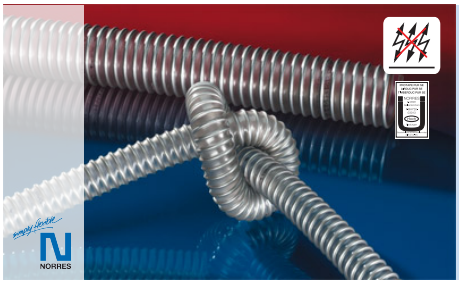
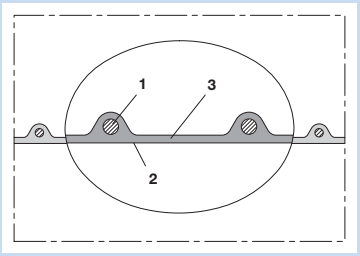
# TIMBERDUC® PUR 533 AS






Antistatic polyurethane hose for the woodworking industry, 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

- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- microbe resistant
- good resistance to oil, gasoline and chemicals
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance $<10^9\ \Omega$ and in accordance with TRGS 727 $<2{,}5 * 10^8 \Omega$
- in accordance with ATEX 2014/34/EU (1999/92/EC) 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
- according to DIN 26057 Type 2
- conforms to RoHS guideline

## Temperature Range

- -40°C to 90°C
- short time to 125°C

## Design, Material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
3. wall thickness 0,7 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 | Over-pressure bar | Under-pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Order No. |
|---|---|---|---|---|---|---|---|
| - / 40 | 48 | 1,555 | 0,470 | 32 | 0,350 | 5 10 15 | 533-0040-0000 |
| 1,75 / 44-45 | 53 | 1,390 | 0,420 | 35 | 0,380 | 5 10 15 | 533-0045-0000 |
| 2 / 50-51 | 58 | 1,250 | 0,380 | 38 | 0,420 | 5 10 15 | 533-0050-0000 |
| 2,36 / 60 | 68 | 1,050 | 0,315 | 44 | 0,490 | 5 10 15 | 533-0060-0000 |
| 2,5 / 63-65 | 73 | 0,970 | 0,290 | 47 | 0,530 | 5 10 15 | 533-0065-0000 |
| - / 70 | 79 | 0,900 | 0,185 | 50 | 0,560 | 5 10 15 | 533-0070-0000 |
| 3 / 75-76 | 84 | 0,840 | 0,175 | 53 | 0,600 | 5 10 15 | 533-0075-0000 |
| - / 80 | 89 | 0,790 | 0,160 | 56 | 0,630 | 5 10 15 | 533-0080-0000 |
| 3,5 / 89-90 | 99 | 0,705 | 0,145 | 62 | 0,710 | 5 10 15 | 533-0090-0000 |
| 4 / 100-102 | 109 | 0,635 | 0,135 | 68 | 0,780 | 5 10 15 | 533-0100-0000 |
| - / 110 | 119 | 0,575 | 0,125 | 74 | 0,860 | 5 10 15 | 533-0110-0000 |
| 4,72 / 120 | 129 | 0,530 | 0,115 | 80 | 0,930 | 5 10 15 | 533-0120-0000 |
| 5 / 125-127 | 134 | 0,510 | 0,110 | 83 | 0,970 | 5 10 15 | 533-0125-0000 |
| - / 130 | 139 | 0,490 | 0,105 | 86 | 1,000 | 5 10 15 | 533-0130-0000 |
| 5,5 / 140 | 149 | 0,455 | 0,095 | 92 | 1,080 | 5 10 15 | 533-0140-0000 |
| 6 / 150-152 | 159 | 0,425 | 0,075 | 98 | 1,370 | 5 10 15 | 533-0150-0000 |
| 6,3 / 160 | 169 | 0,400 | 0,070 | 104 | 1,460 | 5 10 15 | 533-0160-0000 |
| - / 170 | 179 | 0,375 | 0,065 | 108 | 1,540 | 5 10 15 | 533-0170-0000 |
| 7 / 178-180 | 189 | 0,355 | 0,060 | 116 | 1,630 | 5 10 15 | 533-0180-0000 |
| 8 / 200-203 | 209 | 0,320 | 0,055 | 128 | 1,810 | 5 10 15 | 533-0200-0000 |
| - / 225 | 234 | 0,285 | 0,050 | 143 | 2,030 | 5 10 15 | 533-0225-0000 |
| - / 250 | 259 | 0,255 | 0,045 | 158 | 2,250 | 5 10 15 | 533-0250-0000 |
| 11 / 280 | 289 | 0,230 | 0,040 | 176 | 2,510 | 5 10 | 533-0280-0000 |
| - / 300 | 309 | 0,215 | 0,035 | 188 | 2,690 | 5 10 | 533-0300-0000 |

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.

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| I.D. in / mm | O.D. mm | Over-pressure bar | Under-pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Order No. |
|---|---|---|---|---|---|---|---|
| - / 315 | 324 | 0,205 | 0,035 | 197 | 2,820 | 5 10 | 533-0315-0000 |
| - / 325 | 334 | 0,195 | 0,035 | 203 | 2,910 | 5 10 | 533-0325-0000 |
| - / 350 | 359 | 0,185 | 0,030 | 218 | 3,130 | 5 10 | 533-0350-0000 |
| - / 400 | 409 | 0,160 | 0,030 | 248 | 4,020 | 5 10 | 533-0400-0000 |

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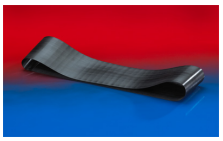
## Accessories


CLAMP 212


CLAMP 210 BRIDGE CLAMP


CLAMP 217

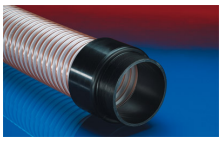

CLAMP 213


CONNECT 228

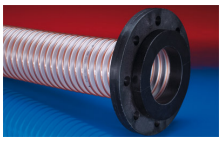

CONNECT MOULD ASSEMBLY 233

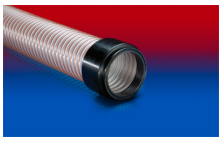

CONNECT THREAD FITTING 234


CONNECT 240 + 241


CONNECT 242


CONNECT 243


CONNECT 244


CONNECT 245


CONNECT 246


CONNECT 223


CONNECT 270-271

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