

## TIMBERDUC® PUR 531 AS (XLD)



### Technical specifications:

#### 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 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
- according to DIN 26057 Type 1
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

#### TEMPERATURE RANGE

- -40°C to 90°C
- short time to 125°C

#### DELIVERY VARIANTS

- further diameters and lengths available on request
- transparent + partially silver coloured (standard)
- special colours: partially coloured, completely coloured
- ID 1,5"/ 38mm 12/305mm compressed packed in poly bag (low transportation cost / risk, minimum storage size), ID315 500mm not compressed

#### DESIGN

- 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.

**Hőállóság:** -40°C/+90°C ( rövid ideig + 125°C)

**Falvastagság a spirálok között mérve:** 0,4 mm

**Felépítés:** poliuretán, áttetsző, beágyazott acélspirállal, hosszában összenyomható

**Hajlítási sugár:** kb. 1 x belső ø

**Kivitel::** DIN 25057 type 1

**Lángállóság::** UL94-HB;DIN 4102-B1

**Hossz:** 5-10-15 m

**Készleten:** 10 m -es hosszok

On stock at the manufacturer, short delivery time with regular shipments

| Inside diameter (mm) | Outer diameter (mm) | Pressure (bar) | Vacuum (bar) | Bending radius(mm) | Weight (kg/m) | Coil length (m) | Article Nr.   |
|----------------------|---------------------|----------------|--------------|--------------------|---------------|-----------------|---------------|
| 50-51                | 58.00               | 0,48           | 0,17         | 33.00              | 0.24          | 5 10 15         | 531-0050-0000 |
| 60                   | 68.00               | 0,405          | 0,145        | 38.00              | 0.34          | 5 10 15         | 531-0060-0000 |
| 63-65                | 73.00               | 0,37           | 0,13         | 40.00              | 0.36          | 5 10            | 531-0065-0000 |
| 70                   | 78.00               | 0,345          | 0,125        | 43.00              | 0.39          | 5 10            | 531-0070-0000 |
| 75-76                | 83.00               | 0,325          | 0,115        | 45.00              | 0.41          | 5 10            | 531-0075-0000 |
| 80                   | 88.00               | 0,305          | 0,11         | 48.00              | 0.44          | 5 10 15         | 531-0080-0000 |
| 89-90                | 98.00               | 0,27           | 0,095        | 53.00              | 0.49          | 5 10 15         | 531-0090-0000 |
| 100-102              | 108.00              | 0,245          | 0,055        | 58.00              | 0.52          | 5 10 15         | 531-0100-0000 |
| 110                  | 118.00              | 0,22           | 0,05         | 63.00              | 0.57          | 5 10            | 531-0110-0000 |
| 114-115              | 123.00              | 0,21           | 0,05         | 66.00              | 0.59          | 5 10            | 531-0115-0000 |
| 120                  | 128.00              | 0,205          | 0,045        | 68.00              | 0.62          | 5 10 15         | 531-0120-0000 |
| 125-127              | 133.00              | 0,195          | 0,045        | 71.00              | 0.64          | 5 10 15         | 531-0125-0000 |
| 130                  | 138.00              | 0,185          | 0,04         | 73.00              | 0.68          | 5 10 15         | 531-0130-0000 |
| 140                  | 148.00              | 0,175          | 0,04         | 78.00              | 0.72          | 5 10 15         | 531-0140-0000 |



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|----------------------|---------------------|----------------|--------------|--------------------|---------------|-----------------|---------------|
| 150-152              | 158.00              | 0,16           | 0,035        | 83.00              | 0.77          | 5 10            | 531-0150-0000 |
| 160                  | 168.00              | 0,15           | 0,035        | 88.00              | 0.82          | 5 10 15         | 531-0160-0000 |
| 178-180              | 188.00              | 0,135          | 0,03         | 98.00              | 0.92          | 5 10            | 531-0180-0000 |
| 200-203              | 208.00              | 0,12           | 0,025        | 108.00             | 1.04          | 5 10 15         | 531-0200-0000 |
| 250                  | 258.00              | 0,1            | 0,02         | 136.00             | 1.3           | 5 10 15         | 531-0250-0000 |
| 280                  | 288.00              | 0,085          | 0,02         | 149.00             | 1.45          | 5 10 15         | 531-0280-0000 |
| 300                  | 309.00              | 0,08           | 0,015        | 159.00             | 1.73          | 5 10 15         | 531-0300-0000 |
| 315                  | 324.00              | 0,075          | 0,015        | 167.50             | 1.82          | 5 10 15         | 531-0315-0000 |
| 350                  | 359.00              | 0,07           | 0,015        | 185.00             | 2.01          | 5 10            | 531-0350-0000 |

