

## **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



Inside diameter (mm)	Outer diameter (mm)	Pressure (bar)	Vacuum (bar)	Bending radius(mm)	Weight (kg/m)	Coil length (m)	Article Nr.
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

