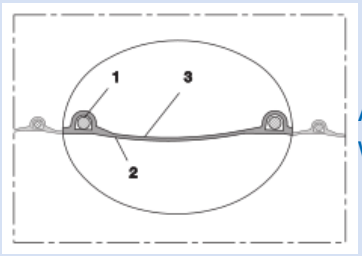
TIMBERDUC® PUR 531 AS (XLD)



Antistatic polyurethane hose for the woodworking industry, light, flame-resistant

Application
- 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
- 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 Ω (according to NFPA 652 10^8-10^9Ω)
- 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

Design
- patented 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 0,4 mm approx.

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

I.D. (in / mm)	outer Ø (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Production Lengths (m)	Order No.
2 / 50-51	58.00	0,480	0,170	33.00	0.24	**5 10 15**	-	531-0050-0000
2,36 / 60	68.00	0,405	0,145	38.00	0.34	**5 10 15**	-	531-0060-0000
2,5 / 63-65	73.00	0,370	0,130	40.00	0.36	**5 10 15**	-	531-0065-0000
- / 70	78.00	0,345	0,125	43.00	0.39	**5 10 15**	-	531-0070-0000
3 / 75-76	83.00	0,325	0,115	45.00	0.41	**5 10 15**	-	531-0075-0000
- / 80	88.00	0,305	0,110	48.00	0.44	**5 10 15**	-	531-0080-0000
3,5 / 89-90	98.00	0,270	0,095	53.00	0.49	**5 10 15**	-	531-0090-0000
4 / 100-102	108.00	0,245	0,055	58.00	0.52	**5 10 15**	-	531-0100-0000
- / 110	118.00	0,220	0,050	63.00	0.57	**5 10 15**	-	531-0110-0000
4,5 / 114-115	123.00	0,210	0,050	66.00	0.59	**5 10 15**	-	531-0115-0000
4,72 / 120	128.00	0,205	0,045	68.00	0.62	**5 10 15**	-	531-0120-0000
5 / 125-127	133.00	0,195	0,045	71.00	0.64	**5 10 15**	-	531-0125-0000
- / 130	138.00	0,185	0,040	73.00	0.68	**5 10 15**	-	531-0130-0000
5,5 / 140	148.00	0,175	0,040	78.00	0.72	**5 10 15**	-	531-0140-0000
6 / 150-152	158.00	0,160	0,035	83.00	0.77	**5 10 15**	-	531-0150-0000
6,3 / 160	168.00	0,150	0,035	88.00	0.82	**5 10 15**	-	531-0160-0000
7 / 178-180	188.00	0,135	0,030	98.00	0.92	**5 10 15**	-	531-0180-0000
8 / 200-203	208.00	0,120	0,025	108.00	1.04	**5 10**	-	531-0200-0000
- / 250	258.00	0,100	0,020	136.00	1.30	**5 10**	-	531-0250-0000
11 / 280	288.00	0,085	0,020	149.00	1.45	**5 10 15**	-	531-0280-0000
- / 300	309.00	0,080	0,015	159.00	1.73	**5 10 15**	-	531-0300-0000

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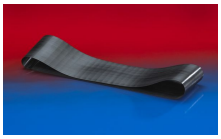
I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
- / 315	324.00	0,075	0,015	167.50	1.82	**5 10 15**	-	531-0315-0000
- / 350	359.00	0,070	0,015	185.00	2.01	**5 10 15**	-	531-0350-0000
- / 400	409.00	0,060	0,015	210.00	2.30	**5 10 15**	-	531-0400-0000

Accessories


CONNECT 228

CONNECT 270-271

CONNECT 223

CLAMP 213

CLAMP 212

CLAMP 210 BRIDGE CLAMP

CLAMP 217