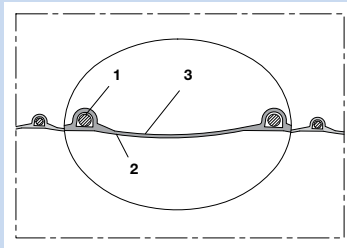


# TIMBERDUC® PUR 531 SE AS



Flame-retardant suction and blast hose for the wood industry; Super-light, highly flexible + compressible 3:1

## Applications

- for the suction of wood dust and wood chips on wood processing machines
- for abrasive solids such as dust, powder, fibres and chips
- for de-dusting and suction plants
- for CNC machines

## Properties

- the wall is permanently capable of electrostatic discharge owing to the non-migrating antistatic material: electrical and surface resistance  $<10^9 \Omega$
- conforms to the safety regulations of the German Wood Trade Association
- super-light model
- highly flexible + compressible 3:1

- abrasion-proof (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVCs)
- high tensile strength and tear resistant
- microbe resistant
- good resistance to oil, gasoline and chemicals
- good resistance to UV and ozone
- small bending radiuses
- kink-proof
- halogen-free
- gas and liquid tight
- flame-retardant according to: DIN 4102-B1
- conform to RoHS guideline

## Temperature Range

- -40°C to 90°C
- short time to 125°C

## Design, Material

patented PROTAPÉ® tape hose

1. spring steel wire integrated in wall
2. extruded tape; wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
3. 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
- customer-specific product marking

I.D. in / mm	O.D. mm	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
2 / 50-51	58	0,240	33,0	0,240	5 10	15	531-0050-0000
2,36 / 60	68	0,190	38,0	0,340	5 10	15	531-0060-0000
2,5 / 63-65	73	0,170	40,5	0,360	5 10	15	531-0065-0000
- / 70	78	0,140	43,0	0,390	5 10	15	531-0070-0000
3 / 75-76	83	0,130	45,5	0,410	5 10	15	531-0075-0000
- / 80	88	0,120	48,0	0,440	5 10	15	531-0080-0000
3,5 / 89-90	98	0,105	53,0	0,490	5 10	15	531-0090-0000
4 / 100-102	108	0,080	58,0	0,520	5 10	15	531-0100-0000
- / 110	118	0,075	63,0	0,570	5 10	15	531-0110-0000
4,5 / 114-115	123	0,070	65,5	0,590	-	5 10 15	531-0115-0000
4,72 / 120	128	0,070	68,0	0,620	5 10	15	531-0120-0000
5 / 125-127	133	0,055	70,5	0,640	5 10	15	531-0125-0000
- / 130	138	0,055	73,0	0,680	-	5 10 15	531-0130-0000
5,5 / 140	148	0,050	78,0	0,720	5 10	15	531-0140-0000
6 / 150-152	158	0,050	83,0	0,770	5 10	15	531-0150-0000
6,3 / 160	168	0,045	88,0	0,820	5 10	15	531-0160-0000
6,5 / 165	173	0,045	90,5	0,845	-	5 10 15	531-0165-0000
- / 170	178	0,040	93,0	0,870	-	5 10 15	531-0170-0000
- / 175	183	0,040	95,5	0,900	-	5 10 15	531-0175-0000
7 / 178-180	188	0,035	98,0	0,920	5 10	15	531-0180-0000
8 / 200-203	208	0,035	108,0	1,040	5 10	15	531-0200-0000
- / 225	233	0,025	120,5	1,170	-	5 10 15	531-0225-0000
9 / 228-229	236	0,025	122,0	1,185	-	5 10 15	531-0228-0000
- / 250	258	0,015	133,0	1,300	5 10	15	531-0250-0000
10 / 254	262	0,015	135,0	1,310	-	5 10 15	531-0254-0000

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](http://www.norres.com). The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

I.D. in / mm	O.D. mm	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 275	283	0,015	145,5	1,410	-	5 10 15	531-0275-0000
11 / 280	288	0,010	148,0	1,450	5 10	15	531-0280-0000
- / 300	309	0,010	159,0	1,730	5 10	15	531-0300-0000
12 / 305	314	0,010	161,5	1,760	-	5 10 15	531-0305-0000
- / 315	324	0,010	166,5	1,820	5 10	15	531-0315-0000
- / 350	359	0,009	184,0	2,010	5 10	15	531-0350-0000
14 / 356	365	0,010	187,0	2,045	-	5 10 15	531-0356-0000
- / 400	409	0,007	209,0	2,300	5 10	15	531-0400-0000
16 / 405-406	415	0,005	212,0	2,335	-	5 10 15	531-0406-0000

## Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 223



CONNECT 270-271

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