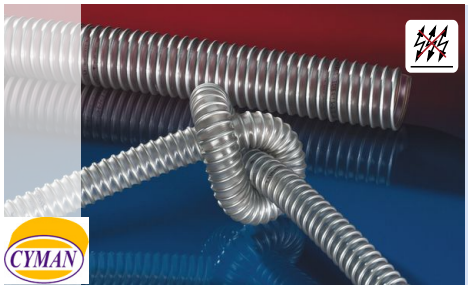
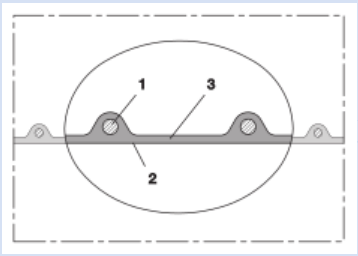
TIMBERDUC® PUR 533 AS (MD)





Antistatic polyurethane hose for the woodworking industry, heavy, 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: 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
- good resistance to oil, gasoline and chemicals
- flame-retardant according to: UL94-V2 & DIN 4102-B1
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9$ Ω (according to TRGS 727 $<2{,}5*10^8$Ω*m and NFPA 652 10^8-10^9Ω)
- 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),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: 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
- REACH according to --> Technology / Technical Information / REACH

Temperature Range
- -40 °C to 90 °C

Design
- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium polyurethane (Pre-PUR®), resistant to aggressive wood types and wood preservatives
- wall thickness 0,7 mm approx.

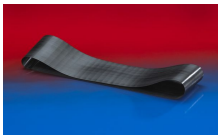
Delivery variants
- further diameters and lengths available on request
- transparent + partially silver coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

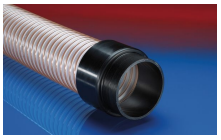
I.D. (in / mm)	outer Ø (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Production Lengths (m)	Order No.
- / 40	48.00	1,555	0,470	32.00	0.35	**5 10 15**	-	533-0040-0000
1,75 / 44-45	53.00	1,390	0,420	35.00	0.38	**5 10 15**	-	533-0045-0000
2 / 50-51	58.00	1,250	0,380	38.00	0.42	**5 10 15**	-	533-0050-0000
2,36 / 60	68.00	1,050	0,315	44.00	0.49	**5 10 15**	-	533-0060-0000
2,5 / 63-65	73.00	0,970	0,290	47.00	0.53	**5 10 15**	-	533-0065-0000
- / 70	79.00	0,900	0,185	50.00	0.56	**5 10 15**	-	533-0070-0000
3 / 75-76	84.00	0,840	0,175	53.00	0.60	**5 10 15**	-	533-0075-0000
- / 80	89.00	0,790	0,160	56.00	0.63	**5 10 15**	-	533-0080-0000
3,5 / 89-90	99.00	0,705	0,145	62.00	0.71	**5 10 15**	-	533-0090-0000
4 / 100-102	109.00	0,635	0,135	68.00	0.78	**5 10 15**	-	533-0100-0000
- / 110	119.00	0,575	0,125	74.00	0.86	**5 10 15**	-	533-0110-0000
4,72 / 120	129.00	0,530	0,115	80.00	0.93	**5 10 15**	-	533-0120-0000
5 / 125-127	134.00	0,510	0,110	83.00	0.97	**5 10 15**	-	533-0125-0000
- / 130	139.00	0,490	0,105	86.00	1.00	**5 10 15**	-	533-0130-0000

TIMBERDUC® PUR 533 AS (MD)

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.
5,5 / 140	149.00	0,455	0,095	92.00	1.08	**5 10 15**	-	533-0140-0000
6 / 150-152	159.00	0,425	0,075	98.00	1.37	**5 10 15**	-	533-0150-0000
6,3 / 160	169.00	0,400	0,070	104.00	1.46	**5 10 15**	-	533-0160-0000
- / 170	179.00	0,375	0,065	108.00	1.54	**5 10 15**	-	533-0170-0000
7 / 178-180	189.00	0,355	0,060	116.00	1.63	**5 10 15**	-	533-0180-0000
8 / 200-203	209.00	0,320	0,055	128.00	1.81	**5 10 15**	-	533-0200-0000
- / 225	234.00	0,285	0,050	143.00	2.03	**5 10 15**	-	533-0225-0000
- / 250	259.00	0,255	0,045	158.00	2.25	**5 10 15**	-	533-0250-0000
11 / 280	289.00	0,230	0,040	176.00	2.51	**5 10**	-	533-0280-0000
- / 300	309.00	0,215	0,035	188.00	2.69	**5 10**	-	533-0300-0000
- / 315	324.00	0,205	0,035	197.00	2.82	**5 10**	-	533-0315-0000
- / 325	334.00	0,195	0,035	203.00	2.91	**5 10**	-	533-0325-0000
- / 350	359.00	0,185	0,030	218.00	3.13	**5 10**	-	533-0350-0000
- / 400	409.00	0,160	0,030	248.00	4.02	**5 10**	-	533-0400-0000

Accessories


CONNECT 228


CONNECT 242

CLAMP 212

CLAMP 210 BRIDGE CLAMP

CLAMP 213

CONNECT 245

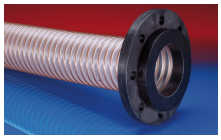
CONNECT MOULD ASSEMBLY 233

CONNECT 223

CONNECT 243

CLAMP 217

CONNECT THREAD FITTING 234


CONNECT 244

CONNECT 240 + 241 AS

CONNECT 246 AS

CONNECT 270-271