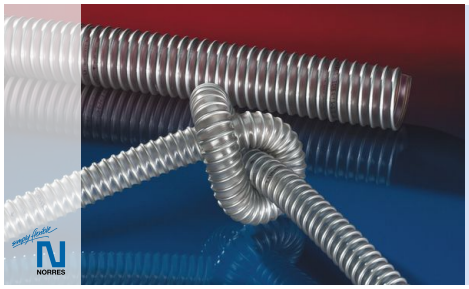
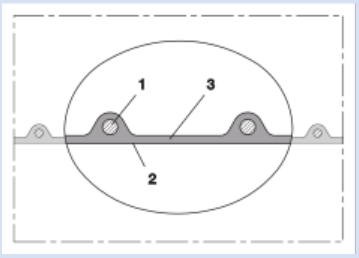
TIMBERDUC® PUR 533 AS (MD)





Antistatic polyurethane hose for the woodworking industry, heavy duty, flame-resistant

Applications
- extraction unit, dust collection systems, 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
- flame-retardant according to: 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 10^8-10^9 Ω)
- 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 °F to 195 °F
- short time to 255 °F

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 0.0275 in approx.

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

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
- / 40	1.890	22.554	13.879	1.260	0.208	-	25 50	533-0040-0000
1,75 / 44-45	2.087	20.161	12.403	1.378	0.235	-	25 50	533-0045-0000
2 / 50-51	2.283	18.130	11.221	1.496	0.262	-	25 50	533-0050-0000
2,36 / 60	2.677	15.229	9.302	1.732	0.302	-	25 50	533-0060-0000
2,5 / 63-65	2.874	14.069	8.564	1.850	0.329	-	25 50	533-0065-0000
- / 70	3.110	13.054	5.463	1.969	0.349	-	25 50	533-0070-0000
3 / 75-76	3.307	12.183	5.168	2.087	0.370	-	25 50	533-0075-0000
- / 80	3.504	11.458	4.725	2.205	0.397	-	25 50	533-0080-0000
3,5 / 89-90	3.898	10.225	4.282	2.441	0.444	-	25 50	533-0090-0000
4 / 100-102	4.291	9.210	3.987	2.677	0.578	-	25 50	533-0100-0000
- / 110	4.685	8.340	3.691	2.913	0.632	-	25 50	533-0110-0000
4,5 / 114-115	4.882	7.977	3.544	3.031	0.605	-	25 50	533-0115-0000
4,72 / 120	5.079	7.687	3.396	3.150	0.685	-	25 50	533-0120-0000
5 / 125-127	5.276	7.397	3.248	3.268	0.719	-	25 50	533-0125-0000
- / 130	5.472	7.107	3.101	3.386	0.739	-	25 50	533-0130-0000
5,5 / 140	5.866	6.599	2.805	3.622	0.793	-	25 50	533-0140-0000

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

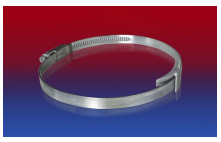
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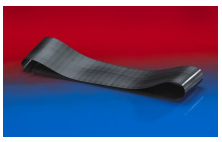
TIMBERDUC® PUR 533 AS (MD)

I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Production lengths (ft)	Order No.
6 / 150-152	6.260	6.164	2.215	3.858	0.874	-	25 50	533-0150-0000
6,3 / 160	6.654	5.802	2.067	4.094	0.927	-	25 50	533-0160-0000
6,5 / 165	6.850	5.657	2.067	4.173	1.008	-	25 50	533-0165-0000
- / 170	7.047	5.439	1.919	4.252	0.974	-	25 50	533-0170-0000
- / 175	7.244	5.294	1.919	4.409	1.069	-	25 50	533-0175-0000
7 / 178-180	7.441	5.149	1.772	4.567	1.035	-	25 50	533-0180-0000
8 / 200-203	8.228	4.641	1.624	5.039	1.163	-	25 50	533-0200-0000
- / 225	9.213	4.134	1.477	5.630	1.290	-	25 50	533-0225-0000
9 / 228-229	9.331	4.061	1.477	5.709	1.384	-	25 50	533-0228-0000
- / 250	10.197	3.699	1.329	6.220	1.431	-	25 50	533-0250-0000
10 / 254	10.354	3.626	1.329	6.319	1.532	-	25 50	533-0254-0000
- / 275	11.181	3.408	1.181	6.811	1.660	-	25	533-0275-0000
11 / 280	11.378	3.336	1.181	6.929	1.599	-	25	533-0280-0000
- / 300	12.165	3.118	1.034	7.402	1.714	-	25	533-0300-0000
12 / 305	12.362	3.046	1.034	7.520	1.835	-	25	533-0305-0000
- / 315	12.756	2.973	1.034	7.756	1.801	-	25	533-0315-0000
- / 325	13.150	2.828	1.034	7.992	1.855	-	25	533-0325-0000
13 / 330	13.346	2.828	1.034	8.110	1.983	-	25	533-0330-0000
- / 350	14.134	2.683	0.886	8.583	1.996	-	25	533-0350-0000
14 / 356	14.370	2.611	0.886	8.720	2.177	-	25	533-0356-0000
- / 400	16.102	2.321	0.886	9.764	2.574	-	25	533-0400-0000
16 / 405-406	16.339	2.248	0.886	9.902	2.776	-	25	533-0406-0000

Accessories


CLAMP 212


CLAMP 210 BRIDGE CLAMP


CONNECT 228


CONNECT MOULD ASSEMBLY 233

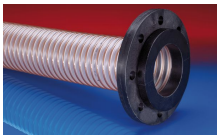

CONNECT 246 AS


CONNECT 240 + 241 AS

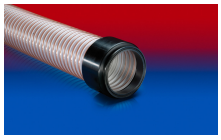

CONNECT 270-271


CLAMP 217


CONNECT 223

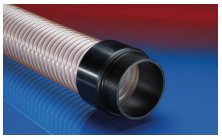

CONNECT 244


CONNECT THREAD FITTING 234


CONNECT 245


CONNECT 243


CLAMP 213


CONNECT 242

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