

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

**Applications:** Special suction and blast hose in flame-retardant polyurethane resistant to aggressive wood types and wood preservatives, especially suitable:

- 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

### Properties

- conforms to the safety regulations of the German Wood Trade Association
- 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 PVC 's)
- optimized flow properties
- high tensile strength and tear resistant

- microbe and hydrolysis resistant
- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius
- kink-proof
- halogen free
- gas and liquid tight
- flame-retardant according to: UL94-V0, DIN 4102-B1
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

### Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

### Design, material

PROTAPE® tape hose

1. spring steel wire integrated in wall
2. extruded tape  
wall: premium polyurethane, resistant to aggressive wood types and wood preservatives, with flame-retardant additive (Pre-PUR®)
3. wall thickness 0.6 mm approx.

### Delivery variants

- cut lengths and special lengths
- transparent + partially silver coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- customised connectors
- shipped compressed

I.D.	O.D.	Rec. operating limits	Bending	Weight	Stock Lengths	Further Production Lengths	Order No.
mm	mm	Vacuum bar	Radius mm	kg/m	m	m	
40	47	0,300	47	0,260	10	15	532-0040-0000
45	52	0,285	52	0,290	-	10 15	532-0045-0000
50	58	0,260	58	0,360	10	15	532-0050-0000
55	63	0,240	63	0,390	-	10 15	532-0055-0000
60	68	0,210	68	0,430	10 15	-	532-0060-0000
63	71	0,195	71	0,450	-	10 15	532-0063-0000
65	73	0,180	73	0,470	10	15	532-0065-0000
70	78	0,150	78	0,500	10	15	532-0070-0000
75	83	0,140	83	0,530	10	15	532-0075-0000
80	88	0,130	88	0,570	10 15	-	532-0080-0000
90	98	0,115	98	0,630	10	15	532-0090-0000
100	108	0,090	108	0,660	10 15	-	532-0100-0000
110	118	0,080	118	0,730	10	15	532-0110-0000
115	123	0,080	123	0,760	-	10 15	532-0115-0000
120	128	0,075	128	0,790	10 15	-	532-0120-0000
125	133	0,060	133	0,820	10 15	-	532-0125-0000
130	138	0,060	138	0,850	10	15	532-0130-0000
140	148	0,060	148	0,920	10 15	-	532-0140-0000
150	158	0,055	158	0,980	10 15	-	532-0150-0000
160	168	0,050	168	1,040	10 15	-	532-0160-0000
170	178	0,045	178	1,110	-	10 15	532-0170-0000
175	183	0,040	183	1,140	-	10 15	532-0175-0000
180	188	0,040	188	1,170	10 15	-	532-0180-0000
200	208	0,040	208	1,540	10 15	-	532-0200-0000
225	233	0,030	233	1,750	10	15	532-0225-0000
250	258	0,015	258	1,900	10	15	532-0250-0000
275	283	0,015	283	2,110	-	10	532-0275-0000
280	288	0,015	288	2,150	10	-	532-0280-0000



I.D.	O.D.	Rec. operating limits Vacuum	Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
mm	mm	bar	mm	kg/m	m	m	
300	309	0,015	309	2,530	10	-	532-0300-0000
315	324	0,010	324	2,650	10	-	532-0315-0000
325	334	0,010	334	2,740	-	10	532-0325-0000
350	359	0,010	359	2,950	10	-	532-0350-0000
400	409	0,010	409	3,360	10	-	532-0400-0000

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on [www.norres.com](http://www.norres.com).

### Accessories

13.1.0



NORCLAMP 212

13.6.0



NORCLAMP 217

13.7.0



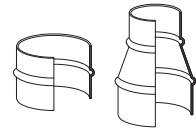
NORCLAMP 213

13.14.0



NORCONNECT 223

13.18.0



NORCONNECT 270-271