



Suction and blast hose; Super-light, highly flexible + compressible 6:1, braided

**Applications**

- welding fume extraction
- extraction arms
- animal stalls, animal sheds: barn ventilation
- construction industry: tunnel ventilation
- busses, utility vehicles, caravans/ trailer, mobile homes/ camper/ RV, boats, ships/ vessels/ marine, yachts/ yachtings: ventilation, heating
- asbestos sanitation
- construction drying
- tent heating, airport gangway heating, heaters for construction sides
- clean room industry: clean room ventilation, semiconductor production machines, computer chip manufacturing; wafer industries
- heating systems/ heaters: fresh air supply

**Properties**

- excellent price-performance ratio (generally submerged and polysleeved, low transport costs and risk, minimal storage capacity)
- fabric reinforced
- super-light model
- highly flexible + compressible 6:1
- small bending radiuses
- good resistance to alkalis and acids
- good resistance to chemicals
- good resistance to UV and ozone
- flame-retardant according to: NF P 92-503 M2
- 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**

- -10°C to 80°C
- short time to 110°C

**Design, Material**

PROTAPE® tape hose

1. spring steel wire integrated in wall
2. fabric-reinforced tape; wall: PVC coated fabric
3. wall thickness 0,25 mm approx.

**Delivery variants**

- further diameters and lengths available on request
- grey (standard), black, white
- customer-specific product marking
- customized designs with other wall thickness

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
<b>Colour grey</b>								
1,5 / 38	41	0,250	0,150	22,0	0,095	-	6 10	371-0038-0000
- / 40	43	0,250	0,150	23,0	0,100	<b>6 10</b>	-	371-0040-0000
2 / 50-51	54	0,240	0,145	28,5	0,120	<b>6 10</b>	-	371-0051-0000
2,36 / 60	63	0,195	0,115	33,0	0,140	<b>6 10</b>	-	371-0060-0000
2,5 / 63-65	68	0,185	0,105	35,5	0,155	-	6 10	371-0065-0000
3 / 75-76	79	0,160	0,080	41,0	0,180	<b>6 10</b>	-	371-0076-0000
- / 80	83	0,150	0,070	43,0	0,190	<b>6 10</b>	-	371-0080-0000
3,5 / 89-90	93	0,140	0,060	48,0	0,200	<b>6 10</b>	-	371-0090-0000
4 / 100-102	105	0,120	0,050	54,0	0,240	<b>6 10</b>	-	371-0102-0000
- / 110	113	0,110	0,045	58,0	0,270	<b>6 10</b>	-	371-0110-0000
4,5 / 114-115	118	0,105	0,040	60,5	0,285	-	6 10	371-0115-0000
5 / 125-127	130	0,100	0,035	66,5	0,320	<b>6 10</b>	-	371-0127-0000
5,5 / 140	143	0,090	0,035	73,0	0,350	<b>6 10</b>	-	371-0140-0000
6 / 150-152	155	0,080	0,035	79,0	0,370	<b>6 10</b>	-	371-0152-0000
6,3 / 160	163	0,075	0,025	83,0	0,440	<b>6 10</b>	-	371-0160-0000
6,5 / 165	168	0,075	0,025	85,5	0,465	-	6 10	371-0165-0000
7 / 178-180	183	0,070	0,020	93,0	0,540	<b>6 10</b>	-	371-0180-0000
8 / 200-203	206	0,060	0,020	104,5	0,600	<b>6 10</b>	-	371-0203-0000
- / 250	254	0,050	0,010	129,0	0,775	-	6 10	371-0250-0000
10 / 254	258	0,050	0,010	131,0	0,790	<b>6 10</b>	-	371-0254-0000
- / 300	304	0,040	0,005	154,0	0,935	-	6 10	371-0300-0000
12 / 305	309	0,040	0,005	156,5	0,950	<b>6 10</b>	-	371-0305-0000

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	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 350	354	0,035	0,005	179,0	1,090	-	6 10	371-0350-0000
14 / 356	360	0,035	0,005	182,0	1,110	6 10	-	371-0356-0000
- / 400	404	0,030	0,005	204,0	1,260	-	6 10	371-0400-0000
16 / 405-406	410	0,030	0,005	207,0	1,280	6 10	-	371-0406-0000
- / 500	506	0,020	0,005	256,0	1,540	-	6 10	371-0500-0000
20 / 508	514	0,020	0,002	260,0	1,560	6 10	-	371-0508-0000

**Colour black**

1,5 / 38	41	0,250	0,150	22,0	0,095	-	7,5 15	371-0038-0001
- / 40	43	0,250	0,150	23,0	0,100	-	7,5 15	371-0040-0001
2 / 50-51	54	0,240	0,145	28,5	0,120	-	7,5 15	371-0051-0001
2,36 / 60	63	0,195	0,115	33,0	0,140	-	7,5 15	371-0060-0001
2,5 / 63-65	68	0,185	0,105	35,5	0,155	-	7,5 15	371-0065-0001
3 / 75-76	79	0,160	0,080	41,0	0,180	-	7,5 15	371-0076-0001
- / 80	83	0,150	0,070	43,0	0,190	-	7,5 15	371-0080-0001
3,5 / 89-90	93	0,140	0,060	48,0	0,200	-	7,5 15	371-0090-0001
4 / 100-102	105	0,120	0,050	54,0	0,240	-	7,5 15	371-0102-0001
- / 110	113	0,110	0,045	58,0	0,270	-	7,5 15	371-0110-0001
4,5 / 114-115	118	0,105	0,040	60,5	0,285	-	7,5 15	371-0115-0001
5 / 125-127	130	0,100	0,035	66,5	0,320	-	7,5 15	371-0127-0001
5,5 / 140	143	0,090	0,035	73,0	0,350	-	7,5 15	371-0140-0001
6 / 150-152	155	0,080	0,035	79,0	0,370	-	7,5 15	371-0152-0001
6,3 / 160	163	0,075	0,025	83,0	0,440	-	7,5 15	371-0160-0001
6,5 / 165	168	0,075	0,025	85,5	0,465	-	7,5 15	371-0165-0001
7 / 178-180	183	0,070	0,020	93,0	0,540	-	7,5 15	371-0180-0001
8 / 200-203	206	0,060	0,020	104,5	0,600	-	7,5 15	371-0203-0001
- / 250	254	0,050	0,010	129,0	0,775	-	7,5 15	371-0250-0001
10 / 254	258	0,050	0,010	131,0	0,790	-	7,5 15	371-0254-0001
- / 300	304	0,040	0,005	154,0	0,935	-	7,5 15	371-0300-0001
12 / 305	309	0,040	0,005	156,5	0,950	-	7,5 15	371-0305-0001
- / 350	354	0,035	0,005	179,0	1,090	-	7,5	371-0350-0001
14 / 356	360	0,035	0,005	182,0	1,110	-	7,5	371-0356-0001
- / 400	404	0,030	0,005	204,0	1,260	-	7,5	371-0400-0001
16 / 405-406	410	0,030	0,005	207,0	1,280	-	7,5	371-0406-0001
- / 500	506	0,020	0,005	256,0	1,540	-	7,5	371-0500-0001
20 / 508	514	0,020	0,002	260,0	1,560	-	7,5	371-0508-0001

**Colour white**

1,5 / 38	41	0,250	0,150	22,0	0,095	-	7,5 15	371-0038-0010
- / 40	43	0,250	0,150	23,0	0,100	-	7,5 15	371-0040-0010
2 / 50-51	54	0,240	0,145	28,5	0,120	-	7,5 15	371-0051-0010
2,36 / 60	63	0,195	0,115	33,0	0,140	-	7,5 15	371-0060-0010
2,5 / 63-65	68	0,185	0,105	35,5	0,155	-	7,5 15	371-0065-0010
3 / 75-76	79	0,160	0,080	41,0	0,180	-	7,5 15	371-0076-0010
- / 80	83	0,150	0,070	43,0	0,190	-	7,5 15	371-0080-0010
3,5 / 89-90	93	0,140	0,060	48,0	0,200	-	7,5 15	371-0090-0010
4 / 100-102	105	0,120	0,050	54,0	0,240	-	7,5 15	371-0102-0010
- / 110	113	0,110	0,045	58,0	0,270	-	7,5 15	371-0110-0010
4,5 / 114-115	118	0,105	0,040	60,5	0,285	-	7,5 15	371-0115-0010
5 / 125-127	130	0,100	0,035	66,5	0,320	-	7,5 15	371-0127-0010

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	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
5,5 / 140	143	0,090	0,035	73,0	0,350	-	7,5 15	371-0140-0010
6 / 150-152	155	0,080	0,035	79,0	0,370	-	7,5 15	371-0152-0010
6,3 / 160	163	0,075	0,025	83,0	0,440	-	7,5 15	371-0160-0010
6,5 / 165	168	0,075	0,025	85,5	0,465	-	7,5 15	371-0165-0010
7 / 178-180	183	0,070	0,020	93,0	0,540	-	7,5 15	371-0180-0010
8 / 200-203	206	0,060	0,020	104,5	0,600	-	7,5 15	371-0203-0010
- / 250	254	0,050	0,010	129,0	0,775	-	7,5 15	371-0250-0010
10 / 254	258	0,050	0,010	131,0	0,790	-	7,5 15	371-0254-0010
- / 300	304	0,040	0,005	154,0	0,935	-	7,5 15	371-0300-0010
12 / 305	309	0,040	0,005	156,5	0,950	-	7,5 15	371-0305-0010
- / 350	354	0,035	0,005	179,0	1,090	-	7,5	371-0350-0010
14 / 356	360	0,035	0,005	182,0	1,110	-	7,5	371-0356-0010
- / 400	404	0,030	0,005	204,0	1,260	-	7,5	371-0400-0010
16 / 405-406	410	0,030	0,005	207,0	1,280	-	7,5	371-0406-0010
- / 500	506	0,020	0,005	256,0	1,540	-	7,5	371-0500-0010
20 / 508	514	0,020	0,002	260,0	1,560	-	7,5	371-0508-0010

Accessories



CLAMP 208



CONNECT 228



CONNECT 223



CONNECT 270-271

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.