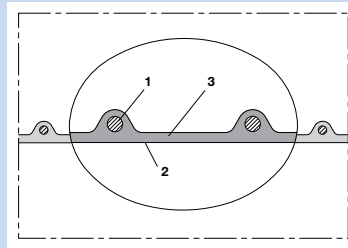


AIRDUC® HT-PUR 351



High-temperature suction and blast hose;
Medium-heavy, smooth interior, HT-PUR up
to 150°C

Applications

- for hot and abrasive solids such as dust, powder, fibres, chips and granulates
- for gaseous and liquid media
- for de-dusting and suction plants, industrial vacuum cleaners, suction of paper and textile fibres
- for printing machines, blowers and compressors

Properties

- very good heat resistance (better than comparable TPE and Neoprene)
- medium-heavy model
- highly 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)
- smooth interior
- optimized flow properties

- flexible
- high tensile strength and tear resistant
- good resistance to oil, gasoline and chemicals
- good resistance to UV and ozone
- small bending radiuses
- kink-proof
- free of softener and halogen
- gas and liquid tight
- 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 to 125°C
- short time to 150°C

Design, Material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties; wall: patented special premium high-temperature-polyurethane HT-PUR (Pre-PUR®)
3. wall thickness 1,0 mm approx.

Delivery variants

- further diameters and lengths available on request
- black (standard)
- customer-specific product marking
- as a pre-assembled hose system with CONNECT connectors

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.
1 / 25	32	2,825	0,495	27,5	0,200	-	10 15	351-0025-1015
- / 30	38	2,375	0,475	33,0	0,260	-	10 15	351-0030-1015
1,25 / 32	40	2,225	0,460	35,0	0,280	10	15	351-0032-1015
1,36 / 35	43	2,035	0,440	36,5	0,300	-	10 15	351-0035-1015
1,5 / 38	46	1,885	0,430	40,0	0,320	10	15	351-0038-1015
- / 40	48	1,795	0,420	41,0	0,340	10	15	351-0040-1015
1,75 / 44-45	53	1,600	0,385	44,5	0,380	10	15	351-0045-1015
2 / 50	58	1,440	0,365	49,0	0,410	10	15	351-0050-1015
- / 55	63	1,320	0,330	51,5	0,450	-	10 15	351-0055-1015
2,36 / 60	68	1,205	0,285	56,0	0,490	10	15	351-0060-1015
2,5 / 65	73	1,110	0,255	59,5	0,530	10	15	351-0065-1015
- / 70	79	1,040	0,210	65,0	0,590	10	15	351-0070-1015
3 / 75	84	0,965	0,195	68,5	0,640	10	15	351-0075-1015
- / 80	89	0,905	0,175	73,0	0,680	10	15	351-0080-1015
3,5 / 89-90	99	0,810	0,155	80,0	0,750	-	10 15	351-0090-1015
4 / 100	109	0,725	0,120	88,0	0,970	10	15	351-0100-1015
- / 110	119	0,660	0,110	96,0	1,060	-	10 15	351-0110-1015
4,5 / 114-115	124	0,635	0,105	98,5	1,110	-	10 15	351-0115-1015
4,72 / 120	129	0,610	0,105	103,0	1,160	-	10 15	351-0120-1015
5 / 125	134	0,590	0,085	106,5	1,200	10	15	351-0125-1015
- / 130	139	0,560	0,085	111,0	1,250	-	10 15	351-0130-1015
5,5 / 140	149	0,520	0,085	119,0	1,340	-	10 15	351-0140-1015
6 / 150	159	0,485	0,075	126,0	1,520	10	15	351-0150-1015
6,3 / 160	169	0,457	0,065	134,0	1,610	-	10 15	351-0160-1015
- / 170	179	0,430	0,065	139,0	1,710	-	10 15	351-0170-1015
- / 175	184	0,420	0,055	144,5	1,760	-	10 15	351-0175-1015

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. 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.
7 / 178-180	189	0,405	0,055	149,0	1,810	-	10 15	351-0180-1015
8 / 200	209	0,370	0,055	165,0	2,000	10	15	351-0200-1015
- / 225	234	0,325	0,040	183,5	2,160	-	10 15	351-0225-1015
9 / 228-229	237	0,314	0,037	200,0	2,240	-	10 15	351-0228-1015
- / 250	259	0,295	0,020	203,0	2,390	-	10 15	351-0250-1015
10 / 254	263	0,290	0,020	206,0	2,430	-	10 15	351-0254-1015
- / 275	284	0,270	0,020	221,5	2,630	-	10	351-0275-1015
11 / 280	289	0,265	0,020	226,0	2,670	-	10	351-0280-1015
- / 300	309	0,240	0,020	241,0	2,860	-	10	351-0300-1015
12 / 305	314	0,235	0,020	245,5	2,910	-	10	351-0305-1015
- / 315	324	0,230	0,020	251,5	3,000	-	10	351-0315-1015
- / 325	334	0,225	0,015	259,5	3,100	-	10	351-0325-1015
13 / 330	339	0,220	0,015	264,0	3,200	-	10	351-0330-1015
- / 350	359	0,210	0,015	279,0	3,330	-	10	351-0350-1015
14 / 356	365	0,205	0,010	285,0	3,560	-	10	351-0356-1015
- / 375	384	0,195	0,010	300,5	3,900	-	10	351-0375-1015
- / 400	409	0,180	0,010	318,0	4,270	-	10	351-0400-1015
16 / 405-406	415	0,178	0,010	323,0	4,350	-	10	351-0406-1015
- / 450	459	0,165	0,010	359,0	4,800	-	10	351-0450-1015
18 / 457	466	0,162	0,010	365,0	4,920	-	10	351-0457-1015
- / 500	509	0,150	0,010	400,0	5,330	-	10	351-0500-1015
20 / 508	517	0,148	0,010	406,5	5,450	-	10	351-0508-1015

Accessories



CLAMP 212



CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 270-271

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