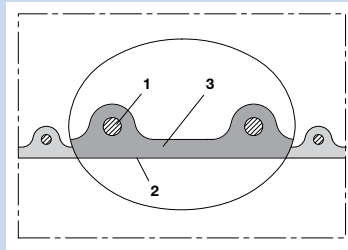


AIRDUC® PUR 355 AS



Abrasion-proof and antistatic suction and transport hose; PUR <math><10^9 \Omega</math>, heavy, smooth interior

Applications

- for high flow-rates of abrasive solids such as powder, chips and granulates
- for gaseous and liquid media
- for industrial vacuum cleaners, granulate conveying systems, printing machines, blowers and compressors

Properties

- the wall is permanently capable of electrostatic discharge owing to the non-migrating antistatic material: electrical and surface resistance <math><10^9 \Omega</math>
- 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 with low weight
- increased pressure and vacuum resistance
- 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
- flame-retardant according to: UL94-V2
- conform to RoHS guideline

Temperature Range

- -40°C to 90°C
- short time to 125°C

Design, Material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties; wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
3. wall thickness 1,5 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without UL approval
- on request with additional inliner reinforcement
- as a pre-assembled hose system with CONNECT connectors
- customised 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.
- / 13	20	4,500	1,000	13,5	0,140	10	15	355-0013-0000
5/8 / 16	23	4,300	1,000	15,0	0,160	10 15	-	355-0016-0000
- / 18	25	4,250	1,000	16,0	0,170	10	15	355-0018-0000
- / 20	27	4,100	1,000	17,0	0,230	10 15 20	-	355-0020-0000
- / 22	29	3,910	1,000	18,0	0,250	10	15	355-0022-0000
1 / 25	32	3,655	1,000	19,5	0,280	10 15 20	-	355-0025-0000
- / 30	40	3,450	0,980	25,0	0,420	10 15	-	355-0030-0000
1,25 / 32	42	3,260	0,970	26,0	0,440	10 15 20	-	355-0032-0000
1,36 / 35	45	3,110	0,970	27,5	0,480	10 15	-	355-0035-0000
1,5 / 38	48	3,080	0,950	29,0	0,520	10 15 20	-	355-0038-0000
- / 40	50	3,050	0,950	30,0	0,540	10 15 20	-	355-0040-0000
- / 42	52	2,910	0,940	31,0	0,560	10 15	-	355-0042-0000
1,75 / 44-45	55	2,730	0,940	32,5	0,600	10 15	-	355-0045-0000
2 / 50	60	2,450	0,930	35,0	0,660	10 15 20	25	355-0050-0000
- / 55	65	2,250	0,880	37,5	0,720	10 15	-	355-0055-0000
2,36 / 60	70	2,060	0,810	40,0	0,780	10 15 20	-	355-0060-0000
2,5 / 65	75	1,910	0,750	42,5	0,840	10 15	20	355-0065-0000
- / 70	81	1,780	0,670	62,0	0,980	10 15	-	355-0070-0000
3 / 75	86	1,660	0,615	65,5	1,050	10 15	-	355-0075-0000
- / 80	91	1,560	0,560	69,0	1,110	10 15	-	355-0080-0000
3,5 / 89-90	101	1,300	0,425	76,0	1,250	10 15	-	355-0090-0000
4 / 100	111	1,250	0,390	83,0	1,490	10 15	-	355-0100-0000
- / 110	121	1,140	0,360	90,0	1,630	10 15	-	355-0110-0000

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. 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.
4,5 / 114-115	126	1,090	0,335	93,5	1,680	10	15	355-0115-0000
4,72 / 120	131	1,050	0,315	97,0	1,770	10	15	355-0120-0000
5 / 125	136	1,010	0,295	100,5	1,840	10 15	-	355-0125-0000
- / 130	141	0,965	0,270	104,0	1,910	10	15	355-0130-0000
5,5 / 140	151	0,900	0,240	111,0	2,030	10 15	-	355-0140-0000
6 / 150	161	0,840	0,200	118,0	2,410	10 15	-	355-0150-0000
6,3 / 160	171	0,785	0,185	125,0	2,560	10 15	-	355-0160-0000
6,5 / 165	176	0,760	0,177	128,0	2,650	-	10 15	355-0165-0000
- / 170	181	0,740	0,170	132,0	2,720	10	15	355-0170-0000
- / 175	186	0,720	0,155	135,5	2,790	10	15	355-0175-0000
7 / 178-180	191	0,700	0,150	139,0	2,870	10	15	355-0180-0000
8 / 200	213	0,630	0,135	156,0	3,120	10 15	-	355-0200-0000
- / 225	238	0,560	0,110	173,5	3,500	10	15	355-0225-0000
9 / 228-229	241	0,540	0,100	180,0	3,620	-	10 15	355-0228-0000
- / 250	263	0,510	0,085	191,0	3,880	10	15	355-0250-0000
10 / 254	267	0,500	0,082	194,0	3,950	10	15	355-0254-0000
- / 275	288	0,460	0,077	208,5	4,255	10	-	355-0275-0000
11 / 280	293	0,450	0,075	212,0	4,330	10	-	355-0280-0000
- / 300	313	0,420	0,070	226,0	5,160	10	-	355-0300-0000
12 / 305	318	0,415	0,068	230,0	5,245	10	-	355-0305-0000
- / 315	328	0,405	0,065	236,5	5,410	-	10	355-0315-0000
- / 325	338	0,385	0,065	243,5	5,580	-	10	355-0325-0000
13 / 330	343	0,380	0,060	246,5	5,670	10	-	355-0330-0000
- / 350	363	0,360	0,055	261,0	6,000	10	-	355-0350-0000
14 / 356	369	0,355	0,055	265,0	6,150	-	10	355-0356-0000
- / 375	388	0,340	0,050	278,5	6,420	-	10	355-0375-0000
- / 400	413	0,320	0,045	296,0	8,020	10	-	355-0400-0000
16 / 405-406	419	0,315	0,040	300,5	8,150	-	10	355-0406-0000
- / 450	463	0,280	0,035	331,0	9,000	10	-	355-0450-0000
18 / 457	470	0,275	0,035	336,5	9,200	-	10	355-0457-0000
- / 500	514	0,255	0,030	367,0	10,000	10	-	355-0500-0000
20 / 508	522	0,250	0,030	373,5	10,250	-	10	355-0508-0000

Accessories



CLAMP 212



CLAMP 216



CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT SAFETY
CLAMP ASSEMBLY 231



CONNECT PRESS
ASSEMBLY 232



CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



CONNECT 240 + 241



CONNECT 242



CONNECT 243

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.



CONNECT 244



CONNECT 245 CSH



CONNECT 245



CONNECT 246



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. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.