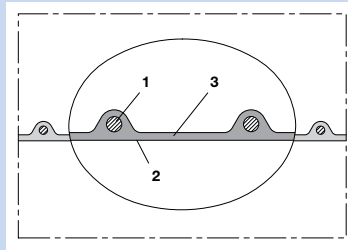


AIRDUC® PUR 350 MHF-AS



Abrasion-proof and antistatic suction and transport hose; PUR $<10^9 \Omega$, light, smooth interior

Applications

- for abrasive solids such as dust, powder, fibres and chips
- for gaseous media such as oil vapors and welding smoke
- for de-dusting and suction plants

Properties

- the wall is permanently capable of electrostatic discharge owing to the non-migrating antistatic material: electrical and surface resistance $<10^9 \Omega$
- light 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
- food grade wall, complies with: FDA 21 CFR 177.2600 and 178.2010
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- good resistance to UV and ozone
- very good low temperature flexibility (better than comparable ester-polyurethanes)
- small bending radiuses
- kink-proof
- free of softener and halogen
- gas and liquid tight
- 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 ether-polyurethane (Pre-PUR®)
3. wall thickness 0,7 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: full coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without food applicability
- 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.
1 / 25	32	2,585	0,610	22,5	0,190	10	15	350-0025-0000
- / 30	37	2,245	0,585	26,0	0,250	10	15	350-0030-0000
1,25 / 32	39	2,105	0,570	27,0	0,270	10	15	350-0032-0000
1,36 / 35	42	1,930	0,545	28,5	0,290	-	10 15	350-0035-0000
1,5 / 38	45	1,780	0,525	31,0	0,310	10	15	350-0038-0000
- / 40	47	1,360	0,505	32,0	0,330	10	15	350-0040-0000
1,75 / 44-45	52	1,390	0,460	34,5	0,370	10	15	350-0045-0000
2 / 50-51	57	1,350	0,435	38,0	0,400	10 15 20	-	350-0050-0000
- / 55	62	1,240	0,395	40,5	0,440	10	15	350-0055-0000
2,36 / 60	67	1,140	0,338	44,0	0,480	10 15	-	350-0060-0000
2,5 / 63-65	70	1,020	0,295	46,5	0,520	10	15	350-0065-0000
- / 70	77	0,975	0,245	50,0	0,560	10	15	350-0070-0000
3 / 75-76	82	0,910	0,220	52,5	0,590	10	15	350-0075-0000
- / 80	87	0,855	0,190	56,0	0,640	10 15	-	350-0080-0000
3,5 / 89-90	97	0,760	0,160	62,0	0,720	10	15	350-0090-0000
4 / 100-102	107	0,690	0,115	68,0	0,800	10 15	-	350-0100-0000
- / 110	117	0,625	0,105	74,0	0,870	10	15	350-0110-0000
4,5 / 114-115	122	0,600	0,100	76,5	0,900	10	15	350-0115-0000
4,72 / 120	127	0,570	0,095	80,0	0,950	10	15	350-0120-0000
5 / 125-127	132	0,550	0,080	82,5	0,980	10	15	350-0125-0000
- / 130	137	0,525	0,080	86,0	1,010	10	15	350-0130-0000
5,5 / 140	147	0,490	0,080	92,0	1,090	10	15	350-0140-0000
6 / 150-152	157	0,455	0,075	98,0	1,400	10 15	-	350-0150-0000

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.
6,3 / 160	167	0,415	0,065	104,0	1,500	10	15	350-0160-0000
6,5 / 165	172	0,400	0,060	106,0	1,540	-	10 15	350-0165-0000
- / 170	177	0,390	0,060	108,0	1,580	10	15	350-0170-0000
- / 175	182	0,355	0,050	112,5	1,630	10	15	350-0175-0000
7 / 178-180	187	0,350	0,050	116,0	1,670	10	15	350-0180-0000
8 / 200-203	207	0,315	0,050	128,0	1,860	10 15	-	350-0200-0000
- / 225	232	0,265	0,035	142,5	2,080	10	15	350-0225-0000
9 / 228-229	240	0,249	0,030	148,0	2,120	-	10 15	350-0228-0000
- / 250	257	0,240	0,020	158,0	2,310	10	15	350-0250-0000
10 / 254	261	0,236	0,020	160,0	2,350	10	15	350-0254-0000
- / 275	282	0,220	0,020	172,5	2,540	10	-	350-0275-0000
11 / 280	287	0,210	0,020	176,0	2,590	10	-	350-0280-0000
- / 300	307	0,200	0,020	188,0	2,770	10	-	350-0300-0000
12 / 305	312	0,196	0,018	190,5	2,810	10	-	350-0305-0000
- / 315	322	0,190	0,015	196,5	2,900	-	10	350-0315-0000
- / 325	332	0,185	0,015	202,5	2,990	-	10	350-0325-0000
13 / 330	337	0,183	0,015	205,5	3,040	-	10	350-0330-0000
- / 350	357	0,170	0,015	218,0	3,220	10	-	350-0350-0000
14 / 356	363	0,167	0,010	222,0	3,340	10	-	350-0356-0000
- / 400	407	0,150	0,010	248,0	4,170	10	-	350-0400-0000
16 / 405-406	413	0,148	0,010	253,0	4,230	-	10	350-0406-0000
- / 450	457	0,135	0,010	281,0	4,690	10	-	350-0450-0000
18 / 457	464	0,132	0,010	285,5	4,760	-	10	350-0457-0000
- / 500	507	0,120	0,010	313,0	5,200	10	-	350-0500-0000
20 / 508	515	0,117	0,010	318,0	5,280	-	10	350-0508-0000

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 223



CONNECT 270-271

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