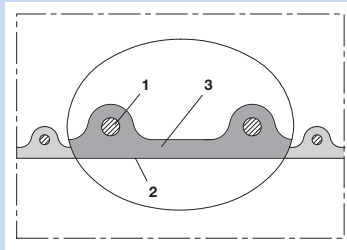
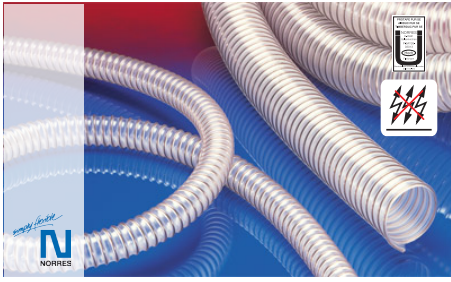


AIRDUC® PUR 355 AS



Antistatic polyurethane hose, heavy,
microbe resistant + flame-retardant

Applications

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- plastic industry, conveying of granulates and powders: granulate conveying device, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- printed circuit board drilling machine (PCB)
- powder spraying, powder coating: e.g. printing industry
- offset printing machine: air supply, air supply cabinet
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- agricultural industry, conveying of seed and fertilizers: seeding machine, seed drill, drilling machine
- agricultural industry: pneumatic grain conveyer
- construction industry, road milling machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump

- paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- municipal vehicle: sweeper, sweeping machine
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector
- vacuum lifting device, vacuum handling system

Properties

- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-V2
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: electrical and surface resistance $<10^9 \Omega$
- in accordance with ATEX 2014/34/EU and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable

- liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 3
- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- wall thickness 1,4 - 1,5mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Order No.
- / 13	20	5,000	1,000	14	0,140	5 10 15	355-0013-0000
5/8 / 16	23	4,900	1,000	15	0,160	5 10 15	355-0016-0000
- / 18	25	4,405	1,000	16	0,170	5 10 15	355-0018-0000
- / 20	27	4,720	1,000	17	0,230	5 10 15 20	355-0020-0000
- / 22	29	4,330	1,000	18	0,250	5 10 15	355-0022-0000
1 / 25	32	3,855	1,000	20	0,280	5 10 15 20	355-0025-0000
- / 30	40	4,000	1,000	25	0,420	5 10 15	355-0030-0000
1,25 / 32	42	3,770	1,000	26	0,440	5 10 15 20	355-0032-0000
1,36 / 35	45	3,470	1,000	28	0,480	5 10 15	355-0035-0000
1,5 / 38	48	3,215	1,000	29	0,520	5 10 15 20	355-0038-0000
- / 40	50	3,065	1,000	30	0,540	5 10 15 20	355-0040-0000
- / 42	52	2,905	0,910	31	0,560	5 10 15	355-0042-0000
1,75 / 44-45	55	2,745	0,915	33	0,600	5 10 15	355-0045-0000
2 / 50-51	60	2,485	0,825	35	0,660	5 10 15 20 25	355-0050-0000
- / 55	65	2,270	0,750	38	0,720	5 10 15	355-0055-0000
2,36 / 60	70	2,090	0,685	40	0,780	5 10 15 20	355-0060-0000

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	Order No.
2,5 / 63-65	75	1,935	0,635	43	0,840	5 10 15 20	355-0065-0000
- / 70	81	1,800	0,540	62	0,980	5 10 15	355-0070-0000
3 / 75-76	86	1,685	0,505	66	1,050	5 10 15	355-0075-0000
- / 80	91	1,585	0,475	69	1,110	5 10 15	355-0080-0000
3,5 / 89-90	101	1,415	0,420	76	1,250	5 10 15	355-0090-0000
4 / 100-102	111	1,275	0,390	83	1,490	5 10 15	355-0100-0000
- / 110	121	1,160	0,355	90	1,630	5 10 15	355-0110-0000
4,5 / 114-115	126	1,115	0,340	94	1,680	5 10 15	355-0115-0000
4,72 / 120	131	1,070	0,325	97	1,770	5 10 15	355-0120-0000
5 / 125-127	136	1,025	0,315	101	1,840	5 10 15	355-0125-0000
- / 130	141	0,985	0,300	104	1,910	5 10 15	355-0130-0000
5,5 / 140	151	0,920	0,280	111	2,030	5 10 15	355-0140-0000
6 / 150-152	161	0,860	0,270	118	2,410	5 10 15	355-0150-0000
6,3 / 160	171	0,805	0,255	125	2,560	5 10 15	355-0160-0000
- / 170	181	0,760	0,240	132	2,720	5 10 15	355-0170-0000
- / 175	186	0,735	0,230	136	2,790	5 10 15	355-0175-0000
7 / 178-180	191	0,715	0,225	139	2,870	5 10 15	355-0180-0000
8 / 200-203	213	0,645	0,150	156	3,120	5 10 15	355-0200-0000
- / 225	238	0,575	0,130	174	3,500	5 10	355-0225-0000
- / 250	263	0,520	0,120	191	3,880	5 10 15	355-0250-0000
10 / 254	267	0,510	0,115	194	3,950	5 10 15	355-0254-0000
- / 275	288	0,470	0,110	209	4,255	5 10	355-0275-0000
11 / 280	293	0,465	0,105	212	4,330	5 10	355-0280-0000
- / 300	313	0,435	0,090	226	5,160	5 10	355-0300-0000
12 / 305	318	0,425	0,090	230	5,245	5 10	355-0305-0000
- / 315	328	0,410	0,085	237	5,410	5 10	355-0315-0000
- / 325	338	0,400	0,085	244	5,580	5 10	355-0325-0000
13 / 330	343	0,395	0,080	247	5,670	5 10	355-0330-0000
- / 350	363	0,370	0,075	261	6,000	5 10	355-0350-0000
- / 400	413	0,325	0,070	296	8,020	5 10	355-0400-0000
- / 450	463	0,290	0,065	331	9,000	5 10	355-0450-0000
- / 500	514	0,260	0,055	367	10,000	5 10	355-0500-0000

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. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional technical data at www.norres.com/en/technology/

Accessories



CLAMP 212



CLAMP 216



CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT SAFETY
CLAMP ASSEMBLY 231



CONNECT PRESS
ASSEMBLY 232



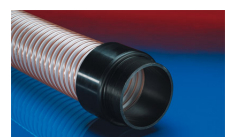
CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



CONNECT 240 + 241

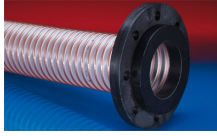


CONNECT 242

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.



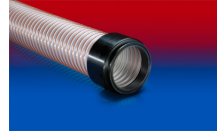
CONNECT 243



CONNECT 244



CONNECT 245 CONE
FLANGE



CONNECT 245



CONNECT 246



CONNECT 223



CONNECT 270-271