

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

- 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

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 <math><10^9 \Omega</math>
- 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

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	Further Production Lengths m	Order No.
- / 13	20	4,500	1,000	14	0,140	5 10	15	355-0013-0000
5/8 / 16	23	4,300	1,000	15	0,160	5 10 15	-	355-0016-0000
- / 18	25	4,250	1,000	16	0,170	5 10	15	355-0018-0000
- / 20	27	4,100	1,000	17	0,230	5 10 15 20	-	355-0020-0000
- / 22	29	3,910	1,000	18	0,250	5 10	15	355-0022-0000
1 / 25	32	3,655	1,000	20	0,280	5 10 15 20	-	355-0025-0000
- / 30	40	3,450	0,980	25	0,420	5 10 15	-	355-0030-0000
1,25 / 32	42	3,260	0,970	26	0,440	5 10 15 20	-	355-0032-0000
1,36 / 35	45	3,110	0,970	28	0,480	5 10 15	-	355-0035-0000
1,5 / 38	48	3,080	0,950	29	0,520	5 10 15 20	-	355-0038-0000
- / 40	50	3,050	0,950	30	0,540	5 10 15 20	-	355-0040-0000
- / 42	52	2,910	0,940	31	0,560	5 10 15	-	355-0042-0000
1,75 / 44-45	55	2,730	0,940	33	0,600	5 10 15	-	355-0045-0000
2 / 50-51	60	2,450	0,930	35	0,660	5 10 15 20	25	355-0050-0000
- / 55	65	2,250	0,880	38	0,720	5 10 15	-	355-0055-0000

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.
2,36 / 60	70	2,060	0,810	40	0,780	5 10 15 20	-	355-0060-0000
2,5 / 63-65	75	1,910	0,750	43	0,840	5 10 15	20	355-0065-0000
- / 70	81	1,780	0,670	62	0,980	5 10 15	-	355-0070-0000
3 / 75-76	86	1,660	0,615	66	1,050	5 10 15	-	355-0075-0000
- / 80	91	1,560	0,560	69	1,110	5 10 15	-	355-0080-0000
3,5 / 89-90	101	1,300	0,425	76	1,250	5 10 15	-	355-0090-0000
4 / 100-102	111	1,250	0,390	83	1,490	5 10 15	-	355-0100-0000
- / 110	121	1,140	0,360	90	1,630	5 10 15	-	355-0110-0000
4,5 / 114-115	126	1,090	0,335	94	1,680	5 10	15	355-0115-0000
4,72 / 120	131	1,050	0,315	97	1,770	5 10	15	355-0120-0000
5 / 125-127	136	1,010	0,295	101	1,840	5 10 15	-	355-0125-0000
- / 130	141	0,965	0,270	104	1,910	5 10	15	355-0130-0000
5,5 / 140	151	0,900	0,240	111	2,030	5 10 15	-	355-0140-0000
6 / 150-152	161	0,840	0,200	118	2,410	5 10 15	-	355-0150-0000
6,3 / 160	171	0,785	0,185	125	2,560	5 10 15	-	355-0160-0000
6,5 / 165	176	0,760	0,177	128	2,650	-	5 10 15	355-0165-0000
- / 170	181	0,740	0,170	132	2,720	5 10	15	355-0170-0000
- / 175	186	0,720	0,155	136	2,790	5 10	15	355-0175-0000
7 / 178-180	191	0,700	0,150	139	2,870	5 10	15	355-0180-0000
8 / 200-203	213	0,630	0,135	156	3,120	5 10 15	-	355-0200-0000
- / 225	238	0,560	0,110	174	3,500	5 10	15	355-0225-0000
9 / 228-229	241	0,540	0,100	180	3,620	-	5 10 15	355-0228-0000
- / 250	263	0,510	0,085	191	3,880	5 10	15	355-0250-0000
10 / 254	267	0,500	0,082	194	3,950	5 10	15	355-0254-0000
- / 275	288	0,460	0,077	209	4,255	5 10	-	355-0275-0000
11 / 280	293	0,450	0,075	212	4,330	5 10	-	355-0280-0000
- / 300	313	0,420	0,070	226	5,160	5 10	-	355-0300-0000
12 / 305	318	0,415	0,068	230	5,245	5 10	-	355-0305-0000
- / 315	328	0,405	0,065	237	5,410	-	5 10	355-0315-0000
- / 325	338	0,385	0,065	244	5,580	-	5 10	355-0325-0000
13 / 330	343	0,380	0,060	247	5,670	5 10	-	355-0330-0000
- / 350	363	0,360	0,055	261	6,000	5 10	-	355-0350-0000
14 / 356	369	0,355	0,055	265	6,150	-	5 10	355-0356-0000
- / 375	388	0,340	0,050	279	6,420	-	5 10	355-0375-0000
- / 400	413	0,320	0,045	296	8,020	5 10	-	355-0400-0000
16 / 405-406	419	0,315	0,040	301	8,150	-	5 10	355-0406-0000
- / 450	463	0,280	0,035	331	9,000	5 10	-	355-0450-0000
18 / 457	470	0,275	0,035	337	9,200	-	5 10	355-0457-0000
- / 500	514	0,255	0,030	367	10,000	5 10	-	355-0500-0000
20 / 508	522	0,250	0,030	374	10,250	-	5 10	355-0508-0000

Accessories

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CLAMP 212



CLAMP 216



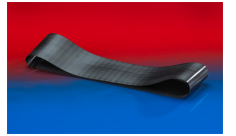
CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT SAFETY
CLAMP ASSEMBLY 231



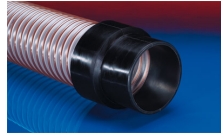
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ASSEMBLY 232



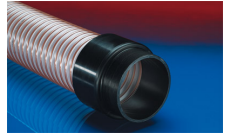
CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



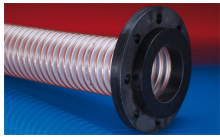
CONNECT 240 + 241



CONNECT 242



CONNECT 243



CONNECT 244



CONNECT 245 CONE
FLANGE



CONNECT 245



CONNECT 246



CONNECT 223



CONNECT 270-271

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