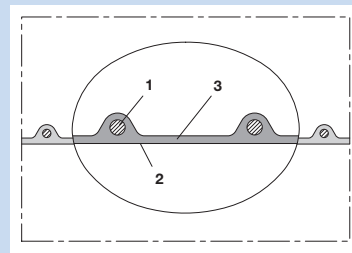


AIRDUC® PUR 351 EC



Electrically conductive polyurethane hose, medium-heavy

Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- Coal mine, mine, tunneling: ventilation, methane extraction

Properties

- highly abrasion resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- electrically conductive wall: electrical and surface resistance $<10^3 \Omega$

- 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)
- according to DIN 26057 Type 2
- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C

Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall
- wall: electrically conductive premium ester-polyurethane (Pre-PUR®)
- wall thickness 0,7 mm approx.

Delivery variants

- further diameters and lengths available on request
- black (standard)
- 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.
1 / 25	32	2,445	0,460	23	0,200	10	351-0025-1003
- / 30	38	1,945	0,440	26	0,260	10	351-0030-1003
1,25 / 32	40	1,830	0,430	27	0,280	10	351-0032-1003
1,5 / 38	46	1,550	0,400	31	0,320	10	351-0038-1003
- / 40	48	1,475	0,390	32	0,340	10	351-0040-1003
1,75 / 44-45	53	1,315	0,360	35	0,380	10	351-0045-1003
2 / 50-51	58	1,190	0,340	38	0,410	10	351-0050-1003
2,36 / 60	68	0,995	0,265	44	0,490	10	351-0060-1003
2,5 / 63-65	73	0,920	0,235	47	0,530	10	351-0065-1003
- / 70	79	0,855	0,195	50	0,570	10	351-0070-1003
3 / 75-76	84	0,800	0,180	53	0,610	10	351-0075-1003
- / 80	89	0,750	0,165	56	0,650	10	351-0080-1003
3,5 / 89-90	99	0,670	0,145	62	0,730	10	351-0090-1003
4 / 100-102	109	0,605	0,115	68	0,790	10	351-0100-1003
- / 110	119	0,550	0,100	74	0,870	10	351-0110-1003
4,72 / 120	129	0,505	0,085	80	0,940	10	351-0120-1003
5 / 125-127	134	0,485	0,075	83	0,980	10	351-0125-1003
5,5 / 140	149	0,430	0,075	92	1,090	10	351-0140-1003
6 / 150-152	159	0,405	0,070	98	1,330	10	351-0150-1003
6,3 / 160	169	0,380	0,060	104	1,410	10	351-0160-1003
7 / 178-180	189	0,335	0,050	116	1,590	10	351-0180-1003
8 / 200-203	209	0,305	0,050	128	1,760	10	351-0200-1003
- / 250	259	0,245	0,020	158	2,430	10	351-0250-1003

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/

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Accessories



CLAMP 212



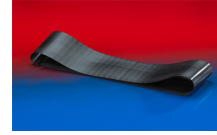
CLAMP 212 EC



CLAMP 217



CLAMP 213



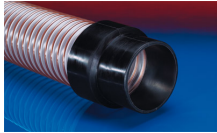
CONNECT 228



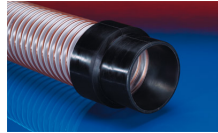
CONNECT MOULD
ASSEMBLY 233



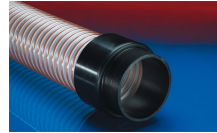
CONNECT THREAD
FITTING 234



CONNECT 240 + 241



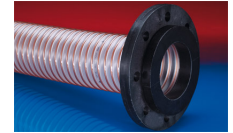
CONNECT 240 EC



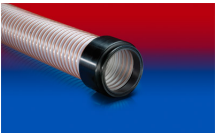
CONNECT 242



CONNECT 243



CONNECT 244



CONNECT 245



CONNECT 246



CONNECT 223



CONNECT 270-271

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