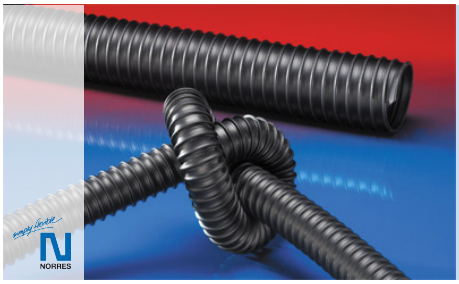
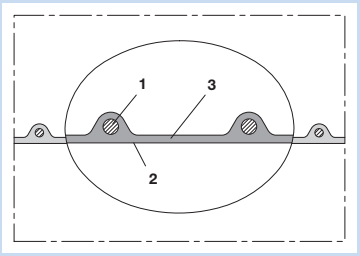
AIRDUC® PUR 351 EC





Electrically conductive polyurethane hose, medium-heavy duty

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 Ω
- in accordance with ATEX 2014/34/EU (1999/92/EC) 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°F to 195°F

Design, material

AIRDUC® profile hose

1. spring steel wire firmly embedded in the wall
2. wall: electrically conductive premium ester-polyurethane (Pre-PUR®)
3. wall thickness 0.03 inch approximate

Delivery variants

- further diameters and lengths available on request
- black (standard)
- customer-specific branding

I.D. in / mm	O.D. in	Pressure DIN 26057 (50% Elongation) psi	Vacuum DIN 26057 (axially fixed) inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
1 / 25	1.25	35.45 (58.80)	13.58 (29.53)	0.89	0.135	25	-	351-0025-1003
- / 30	1.50	28.20 (46.70)	12.99 (29.53)	1.02	0.175	-	25	351-0030-1003
1.25 / 32	1.57	26.55 (43.85)	12.70 (29.53)	1.06	0.190	25	-	351-0032-1003
1.5 / 38	1.81	22.50 (37.20)	11.81 (29.53)	1.22	0.215	-	25	351-0038-1003
- / 40	1.89	21.40 (35.40)	11.52 (29.53)	1.26	0.230	-	25	351-0040-1003
1.75 / 44-45	2.09	19.05 (31.55)	10.63 (29.53)	1.38	0.255	-	25	351-0045-1003
2 / 50-51	2.28	17.25 (28.50)	10.04 (29.53)	1.50	0.275	25	-	351-0050-1003
2.36 / 60	2.68	14.45 (23.85)	7.83 (24.81)	1.73	0.330	-	25	351-0060-1003
2.5 / 63-65	2.87	13.35 (22.05)	6.94 (21.11)	1.85	0.355	25	-	351-0065-1003
- / 70	3.11	12.40 (20.50)	5.76 (24.95)	1.97	0.385	-	25	351-0070-1003
3 / 75-76	3.31	11.60 (19.15)	5.32 (21.70)	2.09	0.410	25	-	351-0075-1003
- / 80	3.50	10.90 (18.00)	4.87 (19.05)	2.20	0.435	-	25	351-0080-1003
3.5 / 89-90	3.90	9.70 (16.05)	4.28 (15.06)	2.44	0.490	-	25	351-0090-1003
4 / 100-102	4.29	8.75 (14.45)	3.40 (11.96)	2.68	0.530	25	-	351-0100-1003
- / 110	4.69	8.00 (13.15)	2.95 (9.89)	2.91	0.585	-	25	351-0110-1003
4.72 / 120	5.08	7.30 (12.05)	2.51 (8.42)	3.15	0.630	-	25	351-0120-1003
5 / 125-127	5.28	7.05 (11.60)	2.21 (7.68)	3.27	0.660	25	-	351-0125-1003
5.5 / 140	5.87	6.25 (10.35)	2.21 (6.05)	3.62	0.730	-	25	351-0140-1003
6 / 150-152	6.26	5.85 (9.65)	2.07 (10.78)	3.86	0.895	25	-	351-0150-1003
6.3 / 160	6.65	5.50 (9.05)	1.77 (9.30)	4.09	0.945	-	25	351-0160-1003
7 / 178-180	7.44	4.85 (8.05)	1.48 (7.23)	4.57	1.070	25	-	351-0180-1003
8 / 200-203	8.23	4.40 (7.25)	1.48 (5.61)	5.04	1.185	25	-	351-0200-1003
- / 250	10.20	3.55 (5.80)	0.59 (3.25)	6.22	1.635	-	25	351-0250-1003

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only. Additional information at www.norres.com/us/technology-us/

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Accessories

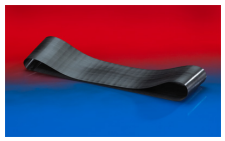

CLAMP 212


CLAMP 210 BRIDGE CLAMP


CLAMP 212 EC

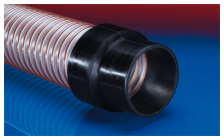

CLAMP 217

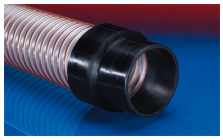

CLAMP 213


CONNECT 228


CONNECT MOULD ASSEMBLY 233


CONNECT THREAD FITTING 234


CONNECT 240 + 241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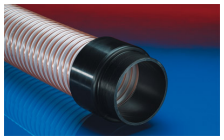
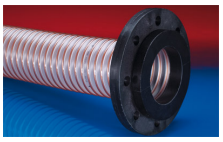

CONNECT 242


CONNECT 243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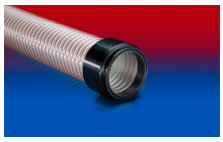
CONNECT 245


CONNECT 246


CONNECT 223


CONNECT 270-271

Distributed By:

151 Memorial Drive, Suite H
Shrewsbury, MA 01545
888-792-2223
www.plastixs.com
sales@plastixs.com