

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

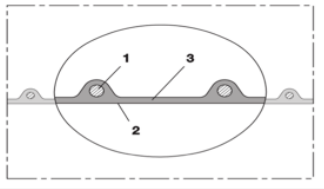
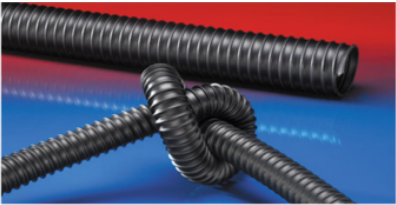
Properties:
highly abrasion resistant
good resistance to oil, gasoline, and chemicals
very good low temperature flexibility
electrically conductive wall: electrical and surface resistance <10³ Ω
in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts 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 psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name	suitable fo
1 / 25	1.25	35.45 (58.80)	13.58 (29.53)	0.89	0.135	25	351-0025-1003	35100251003-0000002500	AIRDUC® PUR 351 EC	Yes
1.25 / 32	1.57	26.55 (43.85)	12.70 (29.53)	1.06	0.190	25	351-0032-1003	35100321003-0000002500	AIRDUC® PUR 351 EC	Yes
2 / 50-51	2.28	17.25 (28.50)	10.04 (29.53)	1.50	0.275	25	351-0050-1003	35100501003-0000002500	AIRDUC® PUR 351 EC	Yes
2.5 / 63-65	2.87	13.35 (22.05)	6.94 (21.11)	1.85	0.355	25	351-0065-1003	35100651003-0000002500	AIRDUC® PUR 351 EC	Yes
3 / 75-76	3.31	11.60 (19.15)	5.32 (21.70)	2.09	0.410	25	351-0075-1003	35100751003-0000002500	AIRDUC® PUR 351 EC	Yes
4 / 100-102	4.29	8.75 (14.45)	3.40 (11.96)	2.68	0.530	25	351-0100-1003	35101001003-0000002500	AIRDUC® PUR 351 EC	Yes
5 / 125-127	5.28	7.05 (11.60)	2.21 (7.68)	3.27	0.660	25	351-0125-1003	35101251003-0000002500	AIRDUC® PUR 351 EC	Yes
6 / 150-152	6.26	5.85 (9.65)	2.07 (10.78)	3.86	0.895	25	351-0150-1003	35101501003-0000002500	AIRDUC® PUR 351 EC	Yes
7 / 178-180	7.44	4.85 (8.05)	1.48 (7.23)	4.57	1.070	25	351-0180-1003	35101801003-0000002500	AIRDUC® PUR 351 EC	Yes
8 / 200-203	8.23	4.40 (7.25)	1.48 (5.61)	5.04	1.185	25	351-0200-1003	35102001003-0000002500	AIRDUC® PUR 351 EC	Yes