

8.7.1 AIRDUC® PUR-VA 355 MHF-AS



I.D. mm	O.D. mm	Recommended Operating Limits		Weight kg/m	Lengths m	Order No.
		Overpressure bar	Vacuum bar			
25	32	3,470	0,900	0,28	10	355-0025-1018
38	48	2,925	0,865	0,52	10	355-0038-1018
40	50	2,900	0,855	0,54	10	355-0040-1018
50	60	2,330	0,835	0,66	10	355-0050-1018
65	75	1,815	0,675	0,84	10	355-0065-1018
75	86	1,575	0,555	1,05	10	355-0075-1018
80	91	1,480	0,505	1,11	10	355-0080-1018
100	111	1,190	0,355	1,49	10	355-0100-1018

Temperature Range: -40 °C approx. to +90 °C approx., short time to +125 °C approx.

Delivery Variants: further diameters (Ø 16 – 500 mm) and lengths, full and partially coloured on request, connecting elements and clamps

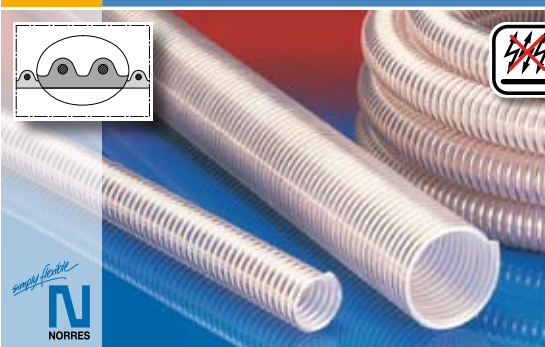
Abrasion-proof, capable of electrostatic discharge and microbe and hydrolysis resistant suction and transport hose, PUR < 10⁹ Ω, heavy, smooth interior

Applications: for transporting combustible bulk materials and use in hazardous areas (Ex protection); for high flow-rates of solids such as powder, chips and granulates; for gaseous and liquid media; for vacuum cleaners, conveying systems, blowers and compressors; for the food and pharmaceutical industry; for the chemical industry

Properties: increased pressure and vacuum resistance; strömungs-technisch optimiert; mikrobe- und hydrolysefest; optimized flow properties; microbe and hydrolysis resistant; good resistance to chemicals; food quality complies with: EC guideline 2002/72/EC incl. the amendment 2007/19/EC; bending radius = approx. outer-Ø; permanently antistatic wall (capable of electrostatic discharge in accordance with TRBS 2153) < 10⁹ Ω

Construction: AIRDUC® profile hose; stainless steel wire integrated in wall; wall: permanently antistatic, special premium ether-polyurethane (Pre-PUR®); wall thickness 1.5 mm approx.; spiral: stainless steel wire

1.6.1 AIRDUC® PUR 356 AS



I.D. mm	O.D. mm	Recommended Operating Limits		Weight kg/m	Lengths production/ m	Order No.
		Overpressure bar	Vacuum bar			
32	43	5,150	1,000	0,68	10	356-0032-1026
38	49	4,380	1,000	0,79	10	356-0038-1026
40	51	4,170	1,000	0,82	10	356-0040-1026
45	56	3,750	1,000	0,91	10	356-0045-1026
50	61	3,650	1,000	1,00	10	356-0050-1026
60	71	3,150	1,000	1,18	10	356-0060-1026
65	76	2,910	1,000	1,27	10	356-0065-1026
70	82	2,710	1,000	1,37	10	356-0070-1026
75	87	2,540	1,000	1,46	10	356-0075-1026
80	92	2,380	1,000	1,55	10	356-0080-1026
90	103	2,120	1,000	2,06	10	356-0090-1026
100	113	1,910	1,000	2,27	10	356-0100-1026

Temperature Range: -40 °C approx. to +90 °C approx., short time to +125 °C approx.

Delivery Variants: further diameters (Ø 32 – 300 mm) and lengths, spiral: stainless steel wire (VA), full and partially coloured on request, connecting elements and clamps

Abrasion-proof and capable of electrostatic discharge suction and transport hose, PUR < 10⁹ Ω, super-heavy, smooth interior, vacuum-proof

Applications: for transporting combustible bulk materials and use in hazardous areas (Ex protection); for high flow-rates of extremely abrasive solids such as sand, gravel, grain, refuse glass and chips; for gaseous and liquid media; for silo vehicles; as conveying hose in glassworks, docks, steelworks, quarries, shipyards, cementworks etc.; as robust protection conduit

Properties: extremely abrasion-proof with reinforcement underneath wire and narrow hose pitch; very high pressure, vacuum and compression resistance; high axial strength; optimized flow properties; good resistance to chemicals; bending radius = approx. 3 x outer-Ø; permanently antistatic wall (capable of electrostatic discharge in accordance with TRBS 2153) < 10⁹ Ω

Construction: AIRDUC® profile hose; spring steel wire integrated in wall; wall: permanently antistatic, special premium ether-polyurethane (Pre-PUR®); wall thickness 2.0 - 2.5 mm approx.; spiral: spring steel wire