

Abrasion-proof suction and transport hose; Heavy and reinforced, smooth interior

Applications: Special and abrasion-proof suction and transport hose, especially suitable:

- for roof gravel conveying, silo loading
- as conveying and head hose for suction vehicles

Properties

- heavy and reinforced model
- extremely abrasion-proof with reinforcement underneath wire (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVC's)
- smooth interior
- optimized flow properties
- flexible with low weight
- increased pressure and vacuum resistance
- high tensile strength and tear resistant
- good resistance to mineral oils and gasoline

- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

Design, material

AIRDUC® profile hose

1. spring steel wire spiral embedded in wall
2. profile with optimised flow properties
wall: special premium ester-polyurethane (Pre-PUR®)
3. wall thickness approx. 2.5 mm

Delivery variants

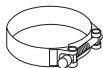
- cut lengths and special lengths
- transparent (standard)
- special colours: full coloured
- customer-specific product marking
- wall: „bioplastic“ derived from renewable raw materials

I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
70	85	2,515	0,900	187	1,610	-	10	355-0070-2530
85	100	2,080	0,750	220	1,920	-	10	355-0085-2530
100	115	1,775	0,670	253	2,380	-	10	355-0100-2530
102	117	1,740	0,670	256	2,450	10	-	355-0102-2530
125	140	1,430	0,460	308	2,880	-	10	355-0125-2530
127	142	1,405	0,460	312	2,970	10	-	355-0127-2530
150	165	1,195	0,385	363	3,450	-	10	355-0150-2530
152	167	1,180	0,385	367	3,510	10	-	355-0152-2530

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.

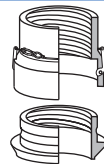
Accessories

13.4.0



CLAMP 211

13.13.5



CONNECT 248

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