

Abrasion-proof suction and transport hose; Super-heavy and extremely reinforced, smooth interior

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

- 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, steel-works, quarries, shipyards, cementworks etc.
- as robust protection conduit

Properties

- super-heavy and extremely reinforced model
- extremely abrasion-proof with extremely thick polyurethane wall (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
- very high pressure, vacuum and compression resistance
- high axial strength
- 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
- conform to RoHS guideline
- 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

Temperature Range

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

Design, material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties
wall: special premium ester-polyurethane (Pre-PUR®)
3. wall thickness 4.0 - 5.0 mm approx.

Delivery variants

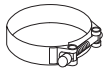
- cut lengths and special lengths
- transparent (standard)
- special colours: full coloured
- customer-specific product marking

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Production Lengths m	Order No.
		Overpressure bar	Vacuum bar				
100	120	2,965	1,000	600	4,170	10	357-0100-0000
102	122	2,910	1,000	610	4,250	10	357-0102-0000
125	145	2,395	0,900	725	5,110	10	357-0125-0000
127	147	2,360	0,900	735	5,190	10	357-0127-0000
150	170	2,010	0,800	1050	6,070	10	357-0150-0000
152	173	1,985	0,800	1050	6,190	10	357-0152-0000
200	221	1,520	0,650	1550	8,020	10	357-0200-0000
250	271	1,220	0,530	2000	9,920	10	357-0250-0000

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.

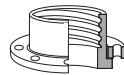
Accessories

13.4.0



NORCLAMP 211

13.11.0



NORCONNECT 244