

Abrasion-proof suction and transport hose; Heavy, interior folds

Applications: Abrasion-proof suction and transport hose, especially suitable:
• for public utility street cleaning vehicles

Properties

- heavy and reinforced model
- highly abrasion-proof (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
- high tensile strength and tear resistant
- microbe resistant
- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone

- very good low temperature flexibility (better than comparable ester-polyurethanes)
- 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
3. wall thickness 1.5 to 1.8 mm approx.
4. reinforcement of the primary abrasion areas

Delivery variants

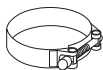
- cut lengths and special lengths
- black (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without food applicability
- as a pre-assembled hose system with NORCONNECT connectors
- customised connectors

I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Production Lengths	Order No.
		Overpressure	Vacuum				
mm	mm	bar	bar	mm	kg/m	m	
200	212	0,374	0,120	275	2,630	5 10	355-0200-5015
208	220	0,360	0,120	286	2,740	5 10	355-0208-5015
255	267	0,295	0,075	347	3,580	5 10	355-0255-5016
350	365	0,220	0,050	475	6,400	5 10	355-0350-5015
352	367	0,215	0,050	477	6,440	5 10	355-0352-5013

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

13.8.0



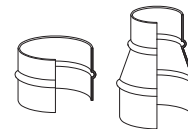
NORCONNECT 240 + 241

13.12.2



NORCONNECT 245 CSH

13.18.0



NORCONNECT 270-271