

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

Applications: Abrasion-proof suction and transport hose, especially suitable:

- for public utility street cleaning vehicles

Properties

- heavy model
- highly flexible + compressible
- extremely abrasion-proof with reinforcement underneath wire and narrow hose pitch (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)
- flow-optimizing exterior folds
- flexible with low weight (in comparison with rubber hoses)
- 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

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties wall: special premium polyurethane (Pre-PUR®)
3. wall thickness 1.5 mm approx.

Delivery variants

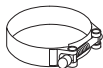
- cut lengths and special lengths
- transparent + partially black coloured (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- as a pre-assembled hose system with NORCONNECT connectors
- customised connectors

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	213	0,375	0,120	416	3,120	5 10	355-0200-5200
206	219	0,365	0,120	438	3,210	5 10	355-0206-5200
225	238	0,335	0,100	476	3,500	5 10	355-0225-5200
257	270	0,290	0,075	540	3,980	5 10	355-0257-5200
280	293	0,265	0,070	586	4,330	5 10	355-0280-5200
400	413	0,180	0,040	816	6,850	5 10	355-0400-5200

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



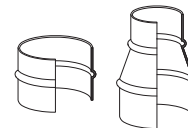
NORCONNECT 240 + 241

13.12.2



NORCONNECT 245 CSH

13.18.0



NORCONNECT 270-271