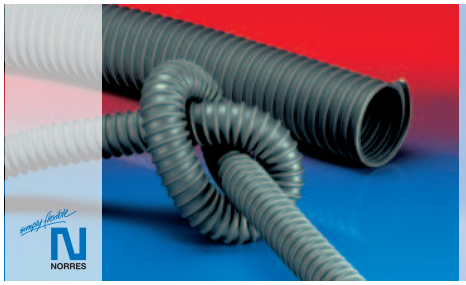

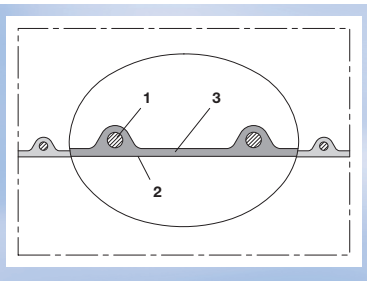

High-temperature suction and transport hose; Santoprene®, medium-heavy, smooth interior, abrasion-proof

Applications: Suction and transport hose, especially suitable:
- for solids such as dust, powder and fibres
- for gaseous and liquid media
- for steam extraction
- as conductor of hot and cold air
- for blowers and compressors

Properties
- very good heat resistance
- medium-heavy model
- smooth interior
- optimized flow properties
- flexible
- good resistance to mineral oils and gasoline
- good resistance to alkalis and acids
- good resistance to chemicals
- 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 +125 °C approx.
- short time to +150 °C approx.

Design, material
AIRDUC® profile hose
1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties
   wall: thermoplastic rubber (TPE)
3. wall thickness 0.8 mm approx.

Delivery variants
- cut lengths and special lengths
- black (standard)
- special colours: full coloured
- customer-specific product marking
- as a pre-assembled hose system with CONNECT connectors
- customised connectors

I.D.	O.D.	Rec. operating limits		Bending	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum	Radius				
mm	mm	bar	bar	mm	kg/m	m	m	
28	36	0,985	0,200	36	0,180	**10**	-	363-0028-0000
30	38	0,925	0,195	38	0,210	**-**	10	363-0030-0000
32	40	0,870	0,190	40	0,250	**10**	-	363-0032-0000
35	43	0,795	0,180	43	0,270	**-**	10	363-0035-0000
38	46	0,730	0,175	46	0,290	**10**	-	363-0038-0000
40	48	0,695	0,170	48	0,300	**10**	-	363-0040-0000
42	50	0,665	0,165	50	0,310	**-**	10	363-0042-0000
45	53	0,620	0,160	53	0,330	**10**	-	363-0045-0000
50	58	0,560	0,150	58	0,370	**10**	-	363-0050-0000
55	63	0,510	0,130	63	0,420	**-**	10	363-0055-0000
60	68	0,465	0,115	68	0,450	**10**	-	363-0060-0000
63	71	0,445	0,105	71	0,470	**-**	10	363-0063-0000
65	73	0,430	0,100	73	0,490	**-**	10	363-0065-0000
70	78	0,400	0,085	78	0,530	**10**	-	363-0070-0000
75	83	0,370	0,080	83	0,560	**-**	10	363-0075-0000
80	88	0,350	0,070	88	0,590	**10**	-	363-0080-0000
90	98	0,310	0,065	98	0,670	**10**	-	363-0090-0000
100	108	0,280	0,050	108	0,740	**10**	-	363-0100-0000
110	118	0,255	0,045	118	0,810	**-**	10	363-0110-0000
115	123	0,245	0,045	123	0,840	**-**	10	363-0115-0000
120	128	0,235	0,045	128	0,870	**-**	10	363-0120-0000
125	133	0,225	0,035	133	0,910	**10**	-	363-0125-0000
130	138	0,215	0,035	138	0,950	**-**	10	363-0130-0000
140	148	0,200	0,035	148	1,020	**-**	10	363-0140-0000
150	158	0,190	0,035	158	1,100	**10**	-	363-0150-0000
160	168	0,175	0,030	168	1,160	**-**	10	363-0160-0000
175	183	0,160	0,025	183	1,260	**-**	10	363-0175-0000
180	188	0,155	0,025	188	1,290	**10**	-	363-0180-0000

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I.D.	O.D.	Rec. operating limits		Bending	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum	Radius				
mm	mm	bar	bar	mm	kg/m	m	m	
200	208	0,140	0,025	208	1,440	10	-	363-0200-0000
225	233	0,130	0,020	233	1,630	-	10	363-0225-0000
250	258	0,120	0,020	258	1,810	-	10	363-0250-0000
275	283	0,110	0,010	283	2,010	-	10	363-0275-0000
280	288	0,100	0,010	288	2,180	-	10	363-0280-0000
300	308	0,090	0,010	308	2,420	-	10	363-0300-0000

Santoprene® is a registered trademark of AES (Advanced Elastomer Systems); 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.

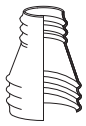
Accessories

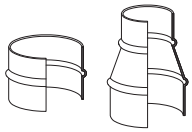
13.1.0
CLAMP 212

13.5.0
CLAMP 212 EC

13.6.0
CLAMP 217

13.7.0
CLAMP 213

13.14.0 
CONNECT 223

13.18.0 
CONNECT 270-271

Distributed by:

DAIS GLOBAL

Our locations:

Bulgaria
3,Poruchik Nedelcho Bonchev Str.,
fl. 5 1528 Sofia

Telephone: +359 2 973 27 67
Fax: +359 2 973 26 65
E-mail: office@daisglobal.eu

România
Str. Nicolae Teclu nr.5 , cam.3-7
Sector 3 , 032368 BucureștiB

Telephone/Fax : +40 21 780 45 58
E-mail: office_ro@opwmarket.com

Serbia
Srbija,Krajiška 71a, lok.10, Beograd,
Zemun 11080B

Telephone/Fax : 038111/2619-200
E-mail: office_sr@opwmarket.com