

**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 NORCONNECT connectors
- customised connectors

| I.D.<br>mm | O.D.<br>mm | Rec. operating limits |               | Bending<br>Radius<br>mm | Weight<br>kg/m | Stock Lengths<br>m | Further Production Lengths<br>m | Order No.     |
|------------|------------|-----------------------|---------------|-------------------------|----------------|--------------------|---------------------------------|---------------|
|            |            | Overpressure<br>bar   | Vacuum<br>bar |                         |                |                    |                                 |               |
| 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 |



| 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                          |               |
| 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](http://www.norres.com).

## Accessories

13.1.0



NORCLAMP 212

13.5.0



NORCLAMP 212 EC

13.6.0



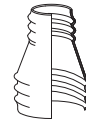
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13.7.0



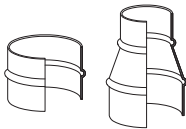
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NORCONNECT 223

13.18.0



NORCONNECT 270-271