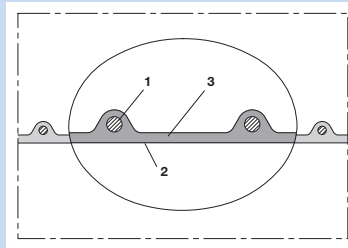
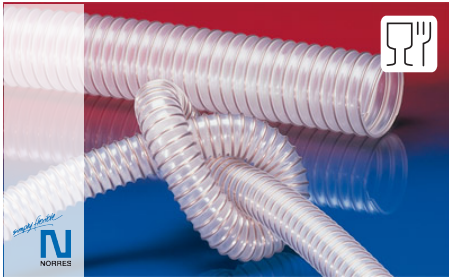


AIRDUC® PUR 351 FOOD



Food hose and pharmaceutical hose,
medium-heavy and reinforced

Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- food industry, pharmaceutical industry: food-stuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying device, vacuum hopper, suction conveyor, dosing system
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- industrial vacuum cleaners, vacuum cleaners

Properties

- medium-heavy duty
- highly abrasion resistant
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011 and EC 1935/2004 and the latest EU-Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010
- Approval acc. to EU-Directive 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-HB
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall thickness 1,0 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- customer-specific branding

| I.D. in / mm | O.D. mm | Over- pressure bar | Under- pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Order No. |
|-----------------|------------|--------------------------|---------------------------|-------------------------|----------------|-----------------------------|---------------|
| 1 / 25 | 32 | 2,715 | 0,680 | 23 | 0,200 | 5 10 15 20 | 351-0025-0000 |
| - / 30 | 38 | 2,290 | 0,470 | 27 | 0,260 | 5 10 15 | 351-0030-0000 |
| 1,25 / 32 | 40 | 2,155 | 0,440 | 28 | 0,280 | 5 10 15 20 | 351-0032-0000 |
| 1,36 / 35 | 43 | 1,975 | 0,405 | 30 | 0,300 | 5 10 15 | 351-0035-0000 |
| 1,5 / 38 | 46 | 1,830 | 0,370 | 32 | 0,320 | 5 10 15 20 | 351-0038-0000 |
| - / 40 | 48 | 1,740 | 0,355 | 33 | 0,340 | 5 10 15 20 | 351-0040-0000 |
| 1,75 / 44-45 | 53 | 1,555 | 0,315 | 36 | 0,380 | 5 10 15 | 351-0045-0000 |
| 2 / 50-51 | 58 | 1,405 | 0,285 | 39 | 0,410 | 5 10 15 20 | 351-0050-0000 |
| - / 55 | 63 | 1,280 | 0,255 | 42 | 0,450 | 5 10 15 20 | 351-0055-0000 |
| 2,36 / 60 | 68 | 1,175 | 0,235 | 45 | 0,490 | 5 10 15 20 | 351-0060-0000 |
| 2,5 / 63-65 | 73 | 1,090 | 0,220 | 48 | 0,530 | 5 10 15 | 351-0065-0000 |
| - / 70 | 79 | 1,010 | 0,150 | 52 | 0,590 | 5 10 15 | 351-0070-0000 |
| 3 / 75-76 | 84 | 0,945 | 0,140 | 55 | 0,640 | 5 10 15 20 | 351-0075-0000 |
| - / 80 | 89 | 0,890 | 0,130 | 58 | 0,680 | 5 10 15 | 351-0080-0000 |
| 3,5 / 89-90 | 99 | 0,790 | 0,115 | 64 | 0,750 | 5 10 15 | 351-0090-0000 |
| 4 / 100-102 | 109 | 0,715 | 0,110 | 70 | 0,970 | 5 10 15 20 | 351-0100-0000 |
| - / 110 | 119 | 0,650 | 0,100 | 76 | 1,060 | 5 10 15 | 351-0110-0000 |
| 4,5 / 114-115 | 124 | 0,620 | 0,095 | 79 | 1,110 | 5 10 15 | 351-0115-0000 |
| 4,72 / 120 | 129 | 0,595 | 0,090 | 82 | 1,160 | 5 10 15 | 351-0120-0000 |
| 5 / 125-127 | 134 | 0,575 | 0,090 | 85 | 1,200 | 5 10 15 | 351-0125-0000 |
| - / 130 | 139 | 0,550 | 0,085 | 88 | 1,250 | 5 10 15 | 351-0130-0000 |
| 5,5 / 140 | 149 | 0,510 | 0,080 | 94 | 1,340 | 5 10 15 | 351-0140-0000 |
| 6 / 150-152 | 159 | 0,480 | 0,065 | 100 | 1,520 | 5 10 15 | 351-0150-0000 |
| 6,3 / 160 | 169 | 0,450 | 0,065 | 106 | 1,610 | 5 10 15 | 351-0160-0000 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

| I.D. in / mm | O.D. mm | Over- pressure bar | Under- pressure bar | Bending Radius mm | Weight kg/m | Dimensions in Stock m | Order No. |
|-----------------|------------|--------------------------|---------------------------|-------------------------|----------------|-----------------------------|---------------|
| - / 170 | 179 | 0,425 | 0,060 | 110 | 1,710 | 5 10 15 | 351-0170-0000 |
| - / 175 | 184 | 0,410 | 0,060 | 115 | 1,760 | 5 10 15 | 351-0175-0000 |
| 7 / 178-180 | 189 | 0,400 | 0,055 | 118 | 1,810 | 5 10 15 | 351-0180-0000 |
| 8 / 200-203 | 209 | 0,360 | 0,050 | 130 | 2,000 | 5 10 15 | 351-0200-0000 |
| - / 225 | 234 | 0,320 | 0,040 | 145 | 2,160 | 5 10 | 351-0225-0000 |
| - / 250 | 259 | 0,290 | 0,035 | 160 | 2,390 | 5 10 15 | 351-0250-0000 |
| - / 275 | 284 | 0,260 | 0,035 | 175 | 2,630 | 5 10 | 351-0275-0000 |
| 11 / 280 | 289 | 0,260 | 0,030 | 178 | 2,670 | 5 10 | 351-0280-0000 |
| - / 300 | 309 | 0,240 | 0,030 | 190 | 2,860 | 5 10 | 351-0300-0000 |
| - / 315 | 324 | 0,230 | 0,030 | 199 | 3,000 | 5 10 | 351-0315-0000 |
| - / 325 | 334 | 0,220 | 0,030 | 205 | 3,100 | 5 10 | 351-0325-0000 |
| - / 350 | 359 | 0,205 | 0,025 | 220 | 3,330 | 5 10 | 351-0350-0000 |
| - / 375 | 384 | 0,195 | 0,025 | 237 | 3,900 | 5 10 | 351-0375-0000 |
| - / 400 | 409 | 0,180 | 0,025 | 250 | 4,270 | 5 10 | 351-0400-0000 |
| - / 450 | 459 | 0,160 | 0,020 | 283 | 4,800 | 5 10 | 351-0450-0000 |
| - / 500 | 509 | 0,145 | 0,020 | 315 | 5,330 | 5 10 | 351-0500-0000 |

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Accessories



CLAMP 212



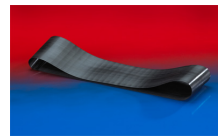
CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



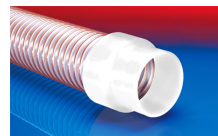
CONNECT TRI-CLAMP
FITTING 245



CONNECT DAIRY FITTING
247



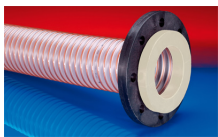
CONNECT ASEPTIC
FITTING 249



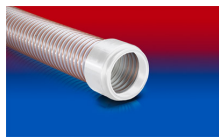
CONNECT 240 + 241
FOOD



CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.