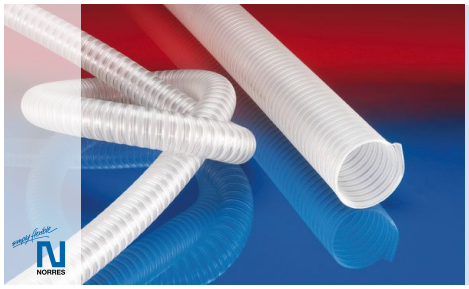
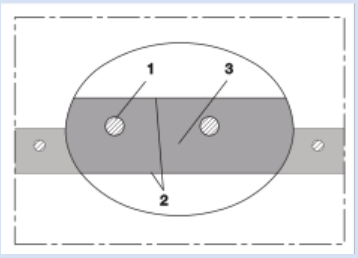
# BARDUC® PUR-INOX 382 FOOD-AS (XHD)






Antistatic food hose and pharmaceutical hose, super-heavy, smooth interior and exterior, stainless steel (INOX)

**Applications**
- hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- pelleting machines/ tablet presses
- explosion hazard area
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- silos and tankers: silo charging, silo discharging
- silos and tankers: conveying of e.g. rice, dry food, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

**Properties**
- very high pressure, vacuum and compression resistance
- super heavy-duty
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, food grade polyurethane, complies with FDA 21 CFR 177.1210 and FDA 21 CFR 175.300
- Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- Permanently antistatic wall: according to ISO 8031 electrical and surface resistance <$10^9$ Ω (according to TRGS 727 <2,5*$10^8$ Ω*m and NFPA 652 $10^8$-$10^9$ Ω)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

**Temperature Range**
- -40 °C to 90 °C

**Design**
- BARDUC® design
- spring steel wire spiral embedded in wall
- spiral: stainless steel wire (INOX)
- smooth interior and exterior
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 4 to 6 mm approx., depending on diameter

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

| I.D. (in / mm) | outer Ø (mm) | Pressure (bar) | Vacuum (bar) | Bending Radius (mm) | Weight (kg/m) | Dimensions in Stock (m) | Production Lengths (m) | Order No. |
|---|---|---|---|---|---|---|---|---|
| 1,25 / 32 | 40.00 | 5,500 | 1,000 | 144.00 | 0.45 | **10** | - | 382-0032-1014 |
| 1,5 / 38 | 46.00 | 5,500 | 1,000 | 171.00 | 0.59 | **10** | - | 382-0038-1014 |
| - / 40 | 48.00 | 5,500 | 1,000 | 180.00 | 0.65 | **-** | 10 | 382-0040-1014 |
| 2 / 50-51 | 58.00 | 5,000 | 1,000 | 225.00 | 0.96 | **10** | 5 15 | 382-0050-1014 |
| 2,36 / 60 | 68.00 | 5,000 | 1,000 | 270.00 | 1.12 | **10 15** | 15 | 382-0060-1014 |
| 2,5 / 63-65 | 73.00 | 5,000 | 1,000 | 293.00 | 1.21 | **10** | 5 15 | 382-0065-1014 |
| 3 / 75-76 | 83.00 | 5,000 | 1,000 | 338.00 | 1.38 | **10** | 5 15 | 382-0075-1014 |
| 4 / 100-102 | 110.00 | 4,000 | 0,800 | 500.00 | 1.80 | **10** | 5 | 382-0100-1014 |

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. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.

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## Accessories

CLAMP 211

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