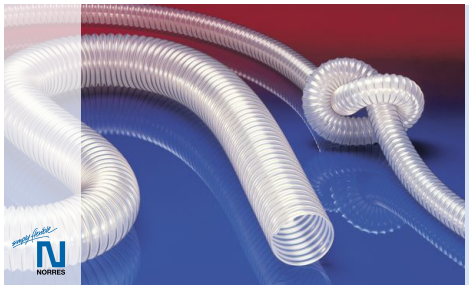
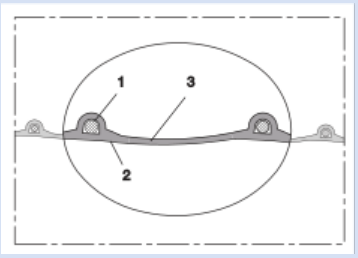
# PROTAPE® PUR 330 FOOD (LD)






## Food hose and pharmaceutical hose, light

### Applications
- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- extraction arm
- clean room ventilation, semiconductor production machine
- medical equipment/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose

### Properties
- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant
- 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 177.2600
- 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
- 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
- short time to 125 °C

### Design
- PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,6 mm approx.

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

| I.D. | outer Ø | Pressure DIN 26057 (50% Elongation) | Vacuum DIN 26057 (axially fixed) | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No. |
|---|---|---|---|---|---|---|---|---|
| (in / mm) | (mm) | (bar) | (bar) | (mm) | (kg/m) | (m) | (m) | |
| 1 / 25 | 32.00 | 1,605 (4,18) | 0,540 (1,00) | 20.00 | 0.15 | **10** | 5 15 | 330-0025-0000 |
| - / 30 | 37.00 | 1,350 (3,50) | 0,450 (1,00) | 22.00 | 0.18 | **10 15** | 5 | 330-0030-0000 |
| 1,25 / 32 | 39.00 | 1,265 (3,29) | 0,420 (1,00) | 23.00 | 0.19 | **10** | 5 15 | 330-0032-0000 |
| 1,5 / 38 | 45.00 | 1,075 (2,78) | 0,355 (0,77) | 26.00 | 0.22 | **10** | 5 15 | 330-0038-0000 |
| - / 40 | 47.00 | 1,020 (2,64) | 0,335 (0,69) | 27.00 | 0.23 | **10 15** | 5 | 330-0040-0000 |
| 1,75 / 44-45 | 52.00 | 0,910 (2,35) | 0,300 (0,55) | 30.00 | 0.26 | **-** | 10 15 | 330-0045-0000 |
| 2 / 50-51 | 58.00 | 0,820 (2,12) | 0,220 (0,87) | 33.00 | 0.37 | **10 15** | 5 | 330-0050-0000 |
| 2,36 / 60 | 68.00 | 0,685 (1,77) | 0,180 (0,61) | 38.00 | 0.43 | **10 15** | 5 | 330-0060-0000 |
| 2,5 / 63-65 | 73.00 | 0,635 (1,64) | 0,165 (0,52) | 41.00 | 0.46 | **10** | 15 | 330-0065-0000 |
| - / 70 | 78.00 | 0,590 (1,52) | 0,155 (0,45) | 43.00 | 0.50 | **10** | 5 15 | 330-0070-0000 |
| 3 / 75-76 | 83.00 | 0,550 (1,42) | 0,145 (0,40) | 46.00 | 0.53 | **10** | 5 15 | 330-0075-0000 |
| - / 80 | 88.00 | 0,515 (1,33) | 0,135 (0,35) | 48.00 | 0.57 | **10 15** | 5 | 330-0080-0000 |
| 3,5 / 89-90 | 98.00 | 0,460 (1,19) | 0,120 (0,28) | 53.00 | 0.63 | **10** | 5 15 | 330-0090-0000 |
| 4 / 100-102 | 108.00 | 0,415 (1,07) | 0,080 (0,31) | 58.00 | 0.67 | **10 15** | 5 | 330-0100-0000 |
| - / 110 | 118.00 | 0,375 (0,97) | 0,070 (0,26) | 63.00 | 0.73 | **10** | 5 15 | 330-0110-0000 |
| 4,5 / 114-115 | 123.00 | 0,360 (0,93) | 0,070 (0,24) | 66.00 | 0.76 | **-** | 5 10 15 | 330-0115-0000 |
| 4,72 / 120 | 128.00 | 0,345 (0,89) | 0,065 (0,22) | 68.00 | 0.79 | **10** | 5 15 | 330-0120-0000 |
| 5 / 125-127 | 133.00 | 0,335 (0,86) | 0,065 (0,20) | 71.00 | 0.83 | **10** | 5 15 | 330-0125-0000 |
| - / 130 | 138.00 | 0,320 (0,82) | 0,060 (0,19) | 73.00 | 0.85 | **10** | 5 15 | 330-0130-0000 |
| 5,5 / 140 | 148.00 | 0,295 (0,76) | 0,055 (0,16) | 78.00 | 0.92 | **10** | 5 15 | 330-0140-0000 |

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. 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/.

# PROTAPE® PUR 330 FOOD (LD)

| I.D. (in / mm) | outer Ø (mm) | Pressure DIN 26057 (50% Elongation) (bar) | Vacuum DIN 26057 (axially fixed) (bar) | Bending Radius (mm) | Weight (kg/m) | Dimensions in Stock (m) | Production Lengths (m) | Order No. |
|---|---|---|---|---|---|---|---|---|
| 6 / 150-152 | 158.00 | 0,275 (0,71) | 0,055 (0,14) | 83.00 | 0.99 | **10 15** | 5 | 330-0150-0000 |
| 6,3 / 160 | 168.00 | 0,260 (0,67) | 0,050 (0,12) | 88.00 | 1.04 | **10** | 5 15 | 330-0160-0000 |
| - / 170 | 178.00 | 0,245 (0,63) | 0,045 (0,11) | 93.00 | 1.11 | **-** | 5 10 | 330-0170-0000 |
| - / 175 | 183.00 | 0,240 (0,61) | 0,045 (0,10) | 96.00 | 1.14 | **-** | 5 10 | 330-0175-0000 |
| 7 / 178-180 | 188.00 | 0,230 (0,59) | 0,045 (0,10) | 98.00 | 1.17 | **10** | 5 15 | 330-0180-0000 |
| 8 / 200-203 | 208.00 | 0,210 (0,54) | 0,030 (0,11) | 108.00 | 1.33 | **10** | 5 15 | 330-0200-0000 |
| - / 225 | 233.00 | 0,185 (0,48) | 0,025 (0,09) | 121.00 | 1.47 | **-** | 5 10 15 | 330-0225-0000 |
| - / 250 | 258.00 | 0,165 (0,43) | 0,025 (0,07) | 133.00 | 1.63 | **10** | 5 15 | 330-0250-0000 |
| 10 / 254 | 262.00 | 0,165 (0,42) | 0,025 (0,06) | 135.00 | 1.66 | **-** | 5 10 | 330-0254-0000 |
| 11 / 280 | 288.00 | 0,150 (0,38) | 0,020 (0,05) | 148.00 | 1.82 | **-** | 5 10 | 330-0280-0000 |
| - / 300 | 309.00 | 0,140 (0,36) | 0,020 (0,05) | 159.00 | 2.13 | **10** | 5 15 | 330-0300-0000 |
| - / 315 | 324.00 | 0,135 (0,34) | 0,020 (0,05) | 167.00 | 2.23 | **-** | 5 10 | 330-0315-0000 |
| - / 325 | 334.00 | 0,130 (0,33) | 0,020 (0,04) | 172.00 | 2.30 | **-** | 5 10 | 330-0325-0000 |
| - / 350 | 359.00 | 0,120 (0,31) | 0,020 (0,04) | 184.00 | 2.48 | **10** | 5 | 330-0350-0000 |
| - / 400 | 409.00 | 0,105 (0,27) | 0,015 (0,02) | 209.00 | 2.83 | **10** | 5 | 330-0400-0000 |
| - / 450 | 459.00 | 0,095 (0,24) | 0,015 (0,02) | 234.00 | 3.18 | **-** | 5 10 | 330-0450-0000 |

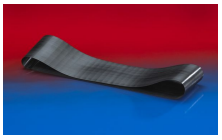
## Accessories



CONNECT 270-271



CLAMP 217



CONNECT 228



CONNECT 223



CLAMP 212



CLAMP 210 BRIDGE CLAMP



CLAMP 213

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/.