



Abrasion resistant polyurethane hose/  
tubing, fabric reinforced pressure hose

## Applications

- flexible hose/ ducting for liquids and for gases and for abrasive solids
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- injection moulding tool cooling, cooling water supply
- powder spraying, powder coating: e.g. printing industry
- industrial washing machine: washing water hose
- compressed air hose, cooling water hose, water hose
- fabric reinforced hose/ braided hose
- heating hose: interior hose for media transfer

## Properties

- fabric reinforced
- highly flexible
- highly abrasion resistant
- crush resistant
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

## Temperature Range

- 40 °C to 90 °C
- short time to 125 °C

## Design

- NORFLEX® design
- fabric reinforced wall
- smooth interior and exterior
- wall: special premium ether-polyurethane (Pre-PUR®)

## Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: full coloured
- customer-specific branding

| I.D.      | outer Ø | Wall Thickness | Pressure | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No.     |
|-----------|---------|----------------|----------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm) | (mm)    | (mm)           | (bar)    | (mm)           | (kg/m) | (m)                 | (m)                |               |
| 1/8 / 2,9 | 5.70    | 1.40           | 20,000   | 14.00          | 0.02   | 50                  | -                  | 441-9029-0000 |
| - / 4     | 8.00    | 2.00           | 20,000   | 13.00          | 0.05   | 50                  | -                  | 441-9040-0000 |
| 1/4 / 6   | 10.00   | 2.00           | 16,000   | 22.00          | 0.06   | 50                  | -                  | 441-9060-0000 |
| 5/16 / 8  | 12.00   | 2.00           | 16,000   | 26.00          | 0.08   | 50                  | -                  | 441-9080-0000 |
| 3/8 / 9,5 | 13.50   | 2.00           | 14,000   | 45.00          | 0.09   | 50                  | -                  | 441-9095-0000 |
| 3/8 / 10  | 14.50   | 2.30           | 12,000   | 55.00          | 0.10   | 50                  | -                  | 441-9100-0000 |
| 1/2 / 13  | 19.00   | 3.00           | 10,000   | 79.00          | 0.18   | 50                  | -                  | 441-9130-0000 |
| 3/4 / 19  | 25.00   | 3.00           | 8,000    | 116.00         | 0.25   | 50                  | -                  | 441-9190-0000 |

## Accessories



CLAMP 208

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/](http://www.norres.com/en/technology/).