

## **Polyurethane hoses**

## Polyurethane hoses, inside diameter calibrated



- Advantages: Small bend radius due to special flexibility
  - Very good cold flexibility and reset characteristics
  - Kink and abrasion resistant
  - Resistant to aliphatic hydrocarbons and most lubricants
  - Resistant to ageing in oxygen

Material: Polyester polyurethane Temperature range: -35°C to +60°C

Shore hardness: 52 D Roll length: 50 m

|          | g                       |                           |                   |  |
|----------|-------------------------|---------------------------|-------------------|--|
| with:    | CK quick screw fittings | plastic<br>screw fittings | PK push-in nipple |  |
| Usable w | 31                      |                           |                   |  |
|          | page no. 53             | Online Shop               | 60                |  |
|          |                         |                           |                   |  |

| Type<br>meter goods  | Type<br>100 m roll <sup>1)</sup> | Hose Ø<br>external x int. | Min.<br>bend radius | Operating pressure | Available<br>types/colours |  |  |  |
|--|----------------------------------|---------------------------|---------------------|--------------------|----------------------------|--|--|--|
| PU 4x2 **  | PU 4x2 ** -100                   | 4 x 2                     | 15                  | 21 bar             | • • • • •                  |  |  |  |
| PU 4,3x3 **  | PU 4,3x3 ** -100                 | 4.3 x 3                   | 15                  | 12 bar             | • • • •                    |  |  |  |
| PU 5x3 **  |                                  | 5 x 3                     | 15                  | 16 bar             | • • • •                    |  |  |  |
| PU 6x4 **  | PU 6x4 ** -100                   | 6 x 4                     | 20                  | 14 bar             |                            |  |  |  |
| PU 8x6 **  | PU 8x6 ** -100                   | 8 x 6                     | 25                  | 12 bar             |                            |  |  |  |
| PU 10x8 **   | PU 10x8 ** -100                  | 10 x 8                    | 45                  | 8 bar              |                            |  |  |  |
| PU 11,6x9 **   |                                  | 11.6 x 9                  | 35                  | 8 bar              | • • 0                      |  |  |  |
| PU 12x9 **   | PU 12x9 ** -100                  | 12 x 9                    | 35                  | 8 bar              | • • • •                    |  |  |  |
| ** please enter the required hose colour here. 1) 1 piece is equivalent to 100 m |                                  |                           |                     |                    |                            |  |  |  |



In your order please enter the required colour here!

**⊘ Order example:** PU 4x2 Standard type

Order supplement for colour:

black . . . . . . SCHWARZ blue . BLAU natural NATUR yellow red .ROT **GRUN** 

## Imperial polyurethane hoses, outside diameter calibrated



- Advantages: Small bend radius due to special flexibility
  - Very good cold flexibility and reset characteristics
  - Kink and abrasion resistant
  - Resistant to aliphatic hydrocarbons and most lubricants
  - Resistant to ageing in oxygen
  - Dragline chain capable (min. bend radius corresponds to 10 x outside dia.)

Material: Polyester polyurethane Temperature range: -35°C to max. +60°C

Shore hardness: 97 A

Roll length: 50 m

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|---------------|
| +             |
| $\rightarrow$ |
|               |
|               |
|               |
|               |



| Туре             | Туре         | Hose Ø              | External Ø | Min.        | Operating |
|------------------|--------------|---------------------|------------|-------------|-----------|
| black            | blue         | external x internal | [mm]       | bend radius | pressure  |
| PUN 1/8 SCHWARZ  |              | 1/8" x 2.0          | 3.17       | 8           | 10 bar    |
| PUN 5/32 SCHWARZ |              | 5/32" x 2.0         | 3.97       | 10          | 10 bar    |
| PUN 3/16 SCHWARZ |              | 3/16" x 3.2         | 4.76       | 12          | 10 bar    |
| PUN 1/4 SCHWARZ  | PUN 1/4 BLAU | 1/4" x 4.2          | 6.35       | 15          | 10 bar    |
| PUN 5/16 SCHWARZ |              | 5/16" x 5.0         | 7.94       | 24          | 10 bar    |
| PUN 3/8 SCHWARZ  |              | 3/8" x 6.4          | 9.52       | 30          | 10 bar    |
| PUN 1/2 SCHWARZ  |              | 1/2" x 8.5          | 12.70      | 36          | 10 bar    |
|                  |              |                     |            |             |           |



Many additional products and sizes are available in our **Online Shop!** 



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C