

## Type codes

|     |                              |  |
|-----|------------------------------|--|
| 001 | Series                       |  |
| PUN | Plastic tubing, polyurethane |  |

|     |                                     |  |
|-----|-------------------------------------|--|
| 002 | Alternative material characteristic |  |
| H   | Hydrolysis-resistant                |  |

|        |                                   |  |
|--------|-----------------------------------|--|
| 003    | Pipe/tubing O.D. x wall thickness |  |
| 2x0,4  | 2x0.4 mm                          |  |
| 3x0,5  | 3x0.5 mm                          |  |
| 4x0,75 | 4x0.75 mm                         |  |
| 6x1    | 6x1 mm                            |  |
| 8x1,25 | 8x1.25 mm                         |  |
| 10x1,5 | 10x1.5 mm                         |  |
| 12x2   | 12x2 mm                           |  |
| 14x2   | 14x2 mm                           |  |
| 16x2,5 | 16x2.5 mm                         |  |

|     |                      |  |
|-----|----------------------|--|
| 004 | Tubing type          |  |
|     | Standard             |  |
| DUO | DUO pneumatic tubing |  |

|     |                    |  |
|-----|--------------------|--|
| 005 | Colour             |  |
| NT  | Natural            |  |
| TBL | Translucent blue   |  |
| SW  | Black              |  |
| BL  | Blue               |  |
| TSW | Translucent black  |  |
| SI  | Silver             |  |
| RT  | Red                |  |
| TRT | Translucent red    |  |
| GN  | Green              |  |
| TGN | Translucent green  |  |
| GE  | Yellow             |  |
| TGE | Translucent yellow |  |
| BS  | Blue/black         |  |

|     |                    |  |
|-----|--------------------|--|
| 006 | Packaging unit [m] |  |
|     | Standard           |  |
| 100 | 100 m              |  |
| 200 | 200 m              |  |
| 300 | 300 m              |  |
| 400 | 400 m              |  |
| 500 | 500 m              |  |

## Datasheet

## Plastic tubing PUN-H

With O.D. 2 mm

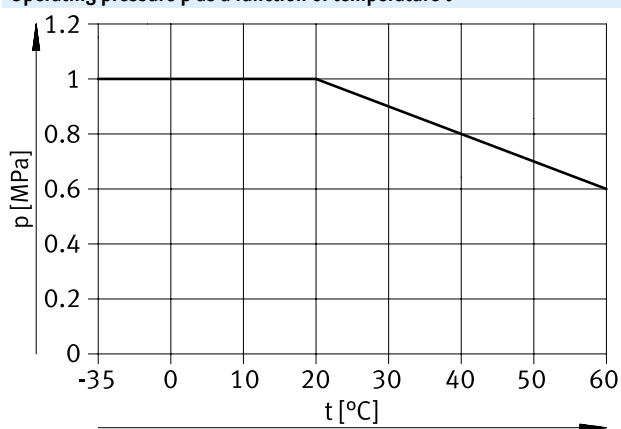
Material: Polyurethane



## Operating and environmental conditions

|                                               |                                           |                       |
|-----------------------------------------------|-------------------------------------------|-----------------------|
| Type                                          | PUN-H-2                                   |                       |
| O.D.                                          | [mm]                                      | 2                     |
| Pneumatic connection                          |                                           |                       |
| For push-in connector                         | [mm]                                      | 2                     |
| Temperature-dependent operating pressure      | [MPa]                                     | -0.095 ... +1 → graph |
|                                               | [bar]                                     | -0.95 ... +10         |
|                                               | [psi]                                     | -13.775 ... +145      |
| Operating pressure for full temperature range | [MPa]                                     | -0.095 ... +0.6       |
|                                               | [bar]                                     | -0.95 ... +6          |
|                                               | [psi]                                     | -13.775 ... +87       |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-] |                       |
| Ambient temperature                           | [°C]                                      | -35 ... +60           |
| Tubing characteristics                        | Suitable for energy chains                |                       |

## Operating pressure p as a function of temperature t



## Materials

|                         |                    |
|-------------------------|--------------------|
| Shore hardness          | D 52 ±3            |
| Tubing                  | TPE-U(PU)          |
| Note on materials       | RoHS-compliant     |
| LABS (PWIS) conformity  | VDMA24364-B2-L     |
| Application information | TPE-U, ether-based |

## Dimensions and ordering data

| O.D. | I.D. | Min. bending radius | Flow-relevant bending radius | Weight | Colour  | Part no. | Type           | PU <sup>1)</sup> |
|------|------|---------------------|------------------------------|--------|---------|----------|----------------|------------------|
| [mm] | [mm] | [mm]                | [mm]                         | [kg/m] |         |          |                | [m]              |
| 2    | 1.2  | 5                   | 8                            | 0.0024 | Natural | 133038   | PUN-H-2x0.4-NT | 50               |
|      |      |                     |                              |        | Black   | 133039   | PUN-H-2x0.4-SW | 50               |
|      |      |                     |                              |        | Red     | 133040   | PUN-H-2x0.4-RT | 50               |

1) Packaging unit