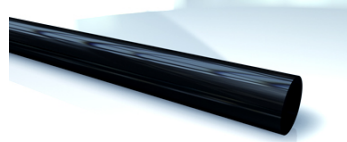


## Properties

|                         |   |
|-------------------------|---|
| <b>Application</b>      | Control lines in hydraulics and pneumatics<br>tank and equipment manufacture<br>laboratory technology                   |
| <b>Special features</b> | resistant to temperature and weatherproof<br>low weight   |
| <b>Inner layer</b>      | Polyethylene  |
| <b>Insert</b>           | none  |
| <b>Outer layer</b>      | Polyethylene  |
| <b>Colour</b>           | black   |
| <b>Temp. min.</b>       | -10 °C  |
| <b>Temp. max.</b>       | 60 °C   |
| <b>Media</b>            | Mineral oil<br>Grease<br>Propellants<br>resistant against aqueous acids, alkalis and salts and<br>a variety of solvents |



## Note

From 20 °C the pressure reduction factor is to be taken into account. <br>

(Max. operating pressure = operating pressure x factor). <br>

Temp.: 20 °C / 30 °C / 40 °C / 50 °C / 60 °C <br>Factor: 1,00 / 0,83 / 0,72 / 0,64 / 0,57

## Item

| Identification  | Internal Ø<br>(mm) | External Ø<br>(mm) | Wall thickness<br>(mm) | BD* at 20 °C<br>(bar) | Min. bending radius<br>(mm) |
|-----------------|--------------------|--------------------|------------------------|-----------------------|-----------------------------|
| TRPE 04-0.5 WS  | 3,0                | 4                  | 0,50                   | 9                     | 20                          |
| TRPE 04-0.65 WS | 2,7                | 4                  | 0,65                   | 13                    | 20                          |
| TRPE 04-1 WS    | 2,0                | 4                  | 1,00                   | 20                    | 20                          |
| TRPE 05-1 WS    | 3,0                | 5                  | 1,00                   | 15                    | 25                          |
| TRPE 06-1 WS    | 4,0                | 6                  | 1,00                   | 13                    | 30                          |
| TRPE 08-1 WS    | 6,0                | 8                  | 1,00                   | 8                     | 40                          |
| TRPE 08-1.5 WS  | 5,0                | 8                  | 1,50                   | 13                    | 40                          |
| TRPE 10-1 WS    | 8,0                | 10                 | 1,00                   | 6                     | 60                          |
| TRPE 10-1.5 WS  | 7,0                | 10                 | 1,50                   | 10                    | 50                          |
| TRPE 10-2 WS    | 6,0                | 10                 | 2,00                   | 15                    | 50                          |
| TRPE 12-1 WS    | 10,0               | 12                 | 1,00                   | 5                     | 85                          |
| TRPE 12-1.5 WS  | 9,0                | 12                 | 1,50                   | 9                     | 60                          |
| TRPE 12-2 WS    | 8,0                | 12                 | 2,00                   | 12                    | 60                          |
| TRPE 14-1.5 WS  | 11,0               | 14                 | 1,50                   | 8                     | 80                          |
| TRPE 14-2 WS    | 10,0               | 14                 | 2,00                   | 9                     | 80                          |
| TRPE 15-1.5 WS  | 12,0               | 15                 | 1,50                   | 7                     | 90                          |
| TRPE 16-2 WS    | 12,0               | 16                 | 2,00                   | 8                     | 120                         |
| TRPE 18-2 WS    | 14,0               | 18                 | 2,00                   | 7                     | 120                         |
| TRPE 20-2 WS    | 16,0               | 20                 | 2,00                   | 6                     | 120                         |
| TRPE 22-2 WS    | 18,0               | 22                 | 2,00                   | 5                     | 150                         |
| TRPE 25-2.5 WS  | 20,0               | 25                 | 2,50                   | 6                     | 150                         |
| TRPE 30-2.5 WS  | 25,0               | 30                 | 2,50                   | 5                     | 260                         |

BD = Working pressure

## Product versions

|          |                                |
|----------|--------------------------------|
| TRPE WB  | Polyethylene hose, blue        |
| TRPE WGE | Polyethylene hose, yellow      |
| TRPE WR  | Polyethylene hose, red         |
| TRPE WT  | Polyethylene hose, Transparent |