

### Properties

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Application</b>      | Control lines in hydraulics and pneumatics<br>automotive technology<br>laboratories and food industry |
| <b>Special features</b> | resistant to temperature and weatherproof<br>low weight                                               |
| <b>Inner layer</b>      | Polyamide                                                                                             |
| <b>Insert</b>           | none                                                                                                  |
| <b>Outer layer</b>      | Polyamide                                                                                             |
| <b>Colour</b>           | Transparent                                                                                           |
| <b>Temp. min.</b>       | -60 °C                                                                                                |
| <b>Temp. max.</b>       | 100 °C                                                                                                |
| <b>Temp. range</b>      | Temperature peaks up to 120°C                                                                         |
| <b>Media</b>            | Mineral oil<br>Grease<br>Propellants<br>resistant to aqueous acids, alkalis and salts                 |



### 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 / 70°C / 80°C / 90°C / 100°C / 110°C / 120°C<br>Factor: 1.00 / 0.83 / 0.72 / 0.64 / 0.57 / 0.52 / 0.47 / 0.44 / 0.36 / 0.32 / 0.28

### 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) |
|-----------------|--------------------|--------------------|------------------------|----------------------|-----------------------------|
| TR 04-0.5 WT    | 3,0                | 4,0                | 0,500                  | 19,0                 | 20                          |
| TR 04-0.65 WT   | 2,7                | 4,0                | 0,650                  | 26,0                 | 20                          |
| TR 04-1 WT      | 2,0                | 4,0                | 1,000                  | 44,0                 | 20                          |
| TR 05-0.85 WT   | 3,3                | 5,0                | 0,850                  | 28,0                 | 25                          |
| TR 05-1 WT      | 3,0                | 5,0                | 1,000                  | 34,0                 | 25                          |
| TR 06-1 WT      | 4,0                | 6,0                | 1,000                  | 27,0                 | 30                          |
| TR 06-1.5 WT    | 3,0                | 6,0                | 1,500                  | 45,0                 | 30                          |
| TR 08-1 WT      | 6,0                | 8,0                | 1,000                  | 19,0                 | 40                          |
| TR 08-1.5 WT    | 5,0                | 8,0                | 1,500                  | 31,0                 | 40                          |
| TR 08-2 WT      | 4,0                | 8,0                | 2,000                  | 45,0                 | 40                          |
| TR 10-1 WT      | 8,0                | 10,0               | 1,000                  | 15,0                 | 60                          |
| TR 10-1.25 WT   | 7,5                | 10,0               | 1,250                  | 19,0                 | 60                          |
| TR 10-2 WT      | 6,0                | 10,0               | 2,000                  | 34,0                 | 50                          |
| TR 12-1 WT      | 10,0               | 12,0               | 1,000                  | 12,0                 | 55                          |
| TR 12-1.5 WT    | 9,0                | 12,0               | 1,500                  | 19,0                 | 60                          |
| TR 12-2 WT      | 8,0                | 12,0               | 2,000                  | 27,0                 | 60                          |
| TR 12.5-1.25 WT | 10,0               | 12,5               | 1,250                  | 15,0                 | 75                          |
| TR 14-1.5 WT    | 11,0               | 14,0               | 1,500                  | 16,0                 | 80                          |
| TR 15-1.5 WT    | 12,0               | 15,0               | 1,500                  | 15,0                 | 90                          |
| TR 18-2 WT      | 14,0               | 18,0               | 2,000                  | 16,0                 | 100                         |
| TR 20-2 WT      | 16,0               | 20,0               | 2,000                  | 14,0                 | 120                         |
| TR 22-2 WT      | 18,0               | 22,0               | 2,000                  | 13,0                 | 150                         |
| TR 25-2.5 WT    | 20,0               | 25,0               | 2,500                  | 14,0                 | 150                         |
| TR 28-2.5 WT    | 23,0               | 28,0               | 2,500                  | 13,0                 | 150                         |
| TR 30-2.5 WT    | 25,0               | 30,0               | 2,500                  | 8,0                  | 260                         |

BD = Working pressure