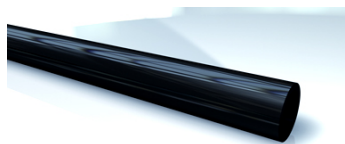


### Properties

<b>Application</b>	Control lines in hydraulics and pneumatics automotive technology laboratories and food industry
<b>Special features</b>	resistant to temperature and weatherproof low weight
<b>Inner layer</b>	Polyamide
<b>Insert</b>	none
<b>Outer layer</b>	Polyamide
<b>Colour</b>	black
<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 Grease Propellants 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 (mm)	External Ø (mm)	Wall thickness (mm)	BD* at 20°C (bar)	Min. bending radius (mm)
TR 04-0.5 WS	3,0	4,0	0,50	19,0	20
TR 04-0.65 WS	2,7	4,0	0,65	26,0	20
TR 04-1 WS	2,0	4,0	1,00	45,0	20
TR 05-0.85 WS	3,3	5,0	0,85	28,0	25
TR 05-1 WS	3,0	5,0	1,00	34,0	25
TR 06-1 WS	4,0	6,0	1,00	27,0	30
TR 06-1.5 WS	3,0	6,0	1,50	45,0	30
TR 08-1 WS	6,0	8,0	1,00	19,0	40
TR 08-1.25 WS	5,5	8,0	1,25	26,0	40
TR 08-1.5 WS	5,0	8,0	1,50	31,0	40
TR 08-2 WS	4,0	8,0	2,00	45,0	40
TR 09-1.5 WS	6,0	9,0	1,50	27,0	45
TR 10-1 WS	8,0	10,0	1,00	15,0	60
TR 10-1.25 WS	7,5	10,0	1,25	19,0	60
TR 10-1.5 WS	7,0	10,0	1,50	23,0	50
TR 10-2 WS	6,0	10,0	2,00	34,0	50
TR 11-1.5 WS	8,0	11,0	1,50	21,0	55
TR 12-1 WS	10,0	12,0	1,00	12,0	55
TR 12-1.5 WS	9,0	12,0	1,50	19,0	60
TR 12-2 WS	8,0	12,0	2,00	27,0	60
TR 12.5-1.25 WS	10,0	12,5	1,25	15,0	75
TR 14-1.5 WS	11,0	14,0	1,50	16,0	80
TR 14-2 WS	10,0	14,0	2,00	22,0	75
TR 15-1.5 WS	12,0	15,0	1,50	15,0	90
TR 16-2 WS	12,0	16,0	2,00	19,0	95
TR 18-2 WS	14,0	18,0	2,00	16,0	100
TR 20-2 WS	16,0	20,0	2,00	14,0	120
TR 22-2 WS	18,0	22,0	2,00	13,0	150
TR 25-2.5 WS	20,0	25,0	2,50	14,0	150
TR 28-2.5 WS	23,0	28,0	2,50	13,0	150

BD = Working pressure

### Product versions

TR WB	PA 12 plastic pipe, soft, blue
TR WGE	PA 12 plastic pipe, soft, yellow
TR WR	PA 12 plastic pipe, soft, red
TR WT	PA 12 plastic pipe, soft, Transparent