

Properties			
Application	Control lines in hydraulics and pneumatics automotive technology laboratories and food industry		
Special features	resistant to temperature and weatherproof low weight		
Inner layer	Polyamide		
Insert	none		
Outer layer	Polyamide		
Colour	red		
Temp. min.	-60 °C		
Temp. max.	100 °C		
Temp. range	Temperature peaks up to 120°C		
Media	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/><br/>

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

 $Temp.: 20^{\circ}C / 30^{\circ} C / 40^{\circ}C / 50^{\circ}C / 60^{\circ}C / 70^{\circ}C / 80^{\circ}C / 100^{\circ}C / 110^{\circ}C / 120^{\circ}C < br>Factor: 1.00 / 0.83 / 0.72 / 0.64 / 0.57 / 120^{\circ}C / 120^{\circ$ 

 $0.52 \ / \ 0.47 \ \ / \ 0.44 \ \ / \ 0.36 \ \ / \ 0.32 \ \ \ / \ 0.28$ 

Item						
Identification	Internal Ø	External Ø	Wall thickness	BD* at 20°C	Min. bending radius	
TD 04 0 5 WD	(mm)	(mm)	(mm)	(bar)	(mm)	
TR 04-0.5 WR	3,0	4,0	0,50	19,0	20	
TR 04-0.65 WR	2,7	4,0	0,65	26,0	20	
TR 04-1 WR	2,0	4,0	1,00	45,0	20	
TR 05-0.85 WR	3,3	5,0	0,85	28,0	25	
TR 05-1 WR	3,0	5,0	1,00	34,0	25	
TR 06-1 WR	4,0	6,0	1,00	27,0	30	
TR 08-1 WR	6,0	8,0	1,00	19,0	40	
TR 08-1.25 WR	5,5	8,0	1,25	26,0	40	
TR 08-1.5 WR	5,0	8,0	1,50	31,0	40	
TR 10-1.5 WR	7,0	10,0	1,50	23,0	50	
TR 10-1.25 WR	7,5	10,0	1,25	19,0	60	
TR 10-1 WR	8,0	10,0	1,00	15,0	60	
TR 10-2 WR	6,0	10,0	2,00	34,0	50	
TR 12-1 WR	10,0	12,0	1,00	12,0	55	
TR 12-1.5 WR	9,0	12,0	1,50	19,0	60	
TR 12.5-1.25 WR	10,0	12,5	1,25	15,0	75	
TR 12-2 WR	8,0	12,0	2,00	27,0	60	
TR 14-1.5 WR	11,0	14,0	1,50	16,0	80	
TR 14-2 WR	10,0	14,0	2,00	22,0	75	
TR 15-1.5 WR	12,0	15,0	1,50	15,0	90	
TR 16-2 WR	12,0	16,0	2,00	19,0	95	
TR 18-2 WR	14,0	18,0	2,00	16,0	100	
TR 20-2 WR	16,0	20,0	2,00	14,0	120	
TR 22-2 WR	18,0	22,0	2,00	13,0	150	
TR 25-2.5 WR	20,0	25,0	2,50	14,0	150	
TR 28-2.5 WR	23,0	28,0	2,50	13,0	150	
TR 30-2.5 WR	25,0	30,0	2,50	8,0	260	
3D = Washing assesses	•		· ·			

BD = Working pressure

Product versions		
TR WB	PA 12 plastic pipe, soft, blue	
TR WGE	PA 12 plastic pipe, soft, yellow	
TR WS	PA 12 plastic pipe, soft, black	
TR WT	PA 12 plastic pipe, soft, Transparent	