

### Características

<b>Campo de aplicação</b>	Linha de comando em sistemas hidráulicos e pneumáticos Tecnologia de veículos Laboratórios e indústria alimentícia
<b>Características especiais</b>	resistente à temperatura e às intempéries peso reduzido
<b>Camada interna</b>	Poliamida
<b>Reforço</b>	sem
<b>Camada externa</b>	Poliamida
<b>Cor</b>	preto
<b>Temperatura min.</b>	-60 °C
<b>Temperatura max.</b>	100 °C
<b>Faixa de temperatura</b>	Pico de temperatura até 120 °C
<b>Fluidos</b>	Óleo mineral Graxa Combustíveis resistente aos ácidos aquosos, às lixívia e aos sais



### Nota

A partir de 20 °C deve-se observar o fator de redução de pressão.<br>

(pressão operacional máx. = pressão operacional x fator).<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>

Fator: 1,00 / 0,83 / 0,72 / 0,64 / 0,57 / 0,52 / 0,47 / 0,44 / 0,36 / 0,32 / 0,28

### Artigo

Descrição	Ø interno (mm)	Ø externo (mm)	Espessura da parede (mm)	BD* a 20°C (bar)	Raio de curvatura mín. (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 = pressão operacional

### Variantes do produto

<b>TR WB</b>	Tubo de plástico em PA 12, flexível, azul
<b>TR WGE</b>	Tubo de plástico em PA 12, flexível, amarelo



# TR WS

Tubo de plástico em PA 12, flexível

