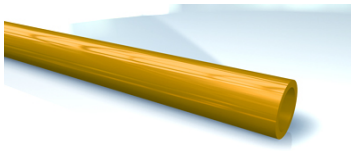
TRPE WGE
Polyethylene hose

Properties



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

Note

From 20 °C the pressure reduction factor is to be taken into account.
(Max. operating pressure = operating pressure x factor).
Temp.: 20 °C / 30 °C / 40 °C / 50 °C / 60 °C
Factor: 1,00 / 0,83 / 0,72 / 0,64 / 0,57

Item

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

BD = Working pressure

Product versions

TRPE WB	Polyethylene hose, blue
TRPE WR	Polyethylene hose, red
TRPE WS	Polyethylene hose, black
TRPE WT	Polyethylene hose, Transparent

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