

LOW DENSITY POLYETHYLENE (PELD)

Linear tube in LDPE. The most economical solution ever among our thermoplastic technical tubes. Limited range of working temperatures, suitable for static applications, but discrete chemical resistance.

FEATURES

Flexible **low density polyethylene tube (LDPE)** stabilized in light. It is a very sold product for its low price. Discrete flexibility, **pressure resistance and chemical resistance** blend with low abrasion resistance, limited range of temperatures of use and low tensile strength. It is however a highly appreciated product **available in stock in different colors and sizes.**

SECTORS

INDUSTRIAL

APPLICATIONS

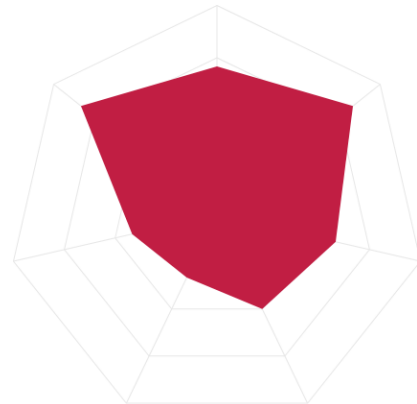
INDUSTRIAL AUTOMATION

VACUUM

MACHINE TOOLS

CHEMICAL RESISTANCE

HYDROLYSIS RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TP1X2	1 mm	2 mm	0.5 mm	10 mm	21 BAR	N T
TP1.5X2.5	1.5 mm	2.5 mm	0.5 mm	15 mm	15 BAR	T
TP1.5X3	1.5 mm	3 mm	0.75 mm	15 mm	21 BAR	N T
TP1.6X3.17	1.6 mm	3.17 mm	0.785 mm	15 mm	20 BAR	N T
TP2X4	2 mm	4 mm	1 mm	15 mm	21 BAR	N R T
TP2.5X4	2.5 mm	4 mm	0.75 mm	25 mm	14 BAR	N T
TP3X5	3 mm	5 mm	1 mm	25 mm	15 BAR	N T
TP3.3X6.35	3.3 mm	6.35 mm	1.525 mm	30 mm	20 BAR	N T
TP3.5X6	3.5 mm	6 mm	1.25 mm	30 mm	16 BAR	N T
TP4X6	4 mm	6 mm	1 mm	40 mm	12 BAR	N BS A R G T V
TP4X8	4 mm	8 mm	2 mm	30 mm	21 BAR	N T
TP4.35X6.35	4.35 mm	6.35 mm	1 mm	45 mm	11 BAR	N T
TP5X7	5 mm	7 mm	1 mm	55 mm	10 BAR	N T
TP5X8	5 mm	8 mm	1.5 mm	45 mm	14 BAR	N T
TP6X8	6 mm	8 mm	1 mm	70 mm	9 BAR	N BS A R T
TP6X10	6 mm	10 mm	2 mm	50 mm	15 BAR	N A T
TP6.35X9.52	6.35 mm	9.52 mm	1.585 mm	60 mm	12 BAR	N T
TP6.5X10	6.5 mm	10 mm	1.75 mm	60 mm	13 BAR	N T

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TP7X9	7 mm	9 mm	1 mm	90 mm	7 BAR	N T
TP7X10	7 mm	10 mm	1.5 mm	75 mm	11 BAR	N S T
TP8X10	8 mm	10 mm	1 mm	115 mm	7 BAR	N A T V
TP8X12	8 mm	12 mm	2 mm	75 mm	12 BAR	N A T
TP9X12	9 mm	12 mm	1.5 mm	105 mm	9 BAR	N BS A R T
TP9.52X12.7	9.52 mm	12.7 mm	1.59 mm	115 mm	9 BAR	N T
TP10X12	10 mm	12 mm	1 mm	165 mm	5 BAR	N A T
TP10X14	10 mm	14 mm	2 mm	105 mm	10 BAR	N T
TP11X14	11 mm	14 mm	1.5 mm	150 mm	7 BAR	T
TP12X15	12 mm	15 mm	1.5 mm	170 mm	7 BAR	N T
TP12X16	12 mm	16 mm	2 mm	140 mm	9 BAR	N BS T
TP12.5X15	12.5 mm	15 mm	1.25 mm	210 mm	5 BAR	N T
TP14X18	14 mm	18 mm	2 mm	180 mm	7 BAR	T
TP14X20	14 mm	20 mm	3 mm	145 mm	11 BAR	T
TP15X18	15 mm	18 mm	1.5 mm	250 mm	5 BAR	N T
TP16X20	16 mm	20 mm	2 mm	225 mm	7 BAR	N T
TP18X25	18 mm	25 mm	3.5 mm	195 mm	10 BAR	T
TP20X26	20 mm	26 mm	3 mm	250 mm	8 BAR	T
TP21X25	21 mm	25 mm	2 mm	360 mm	5 BAR	T

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TP22X26	22 mm	26 mm	2 mm	390 mm	5 BAR	(T)
TP25X32	25 mm	32 mm	3.5 mm	330 mm	7 BAR	(T)
TP26X32	26 mm	32 mm	3 mm	390 mm	6 BAR	(T)

PRESSURE/TEMPERATURE

Operating temperature: from -10°C to 60°C

Safety factor on working pressure: 3:1

Here on the side: Graph of pressure drop expressed as a % in relation to temperature

