

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

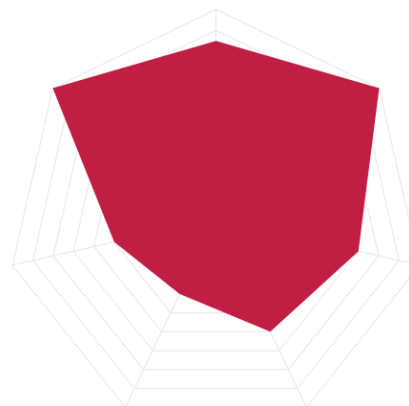
INDUSTRIAL AUTOMATION

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	 
TP7X10	7 mm	10 mm	1.5 mm	75 mm	11 BAR	  
TP8X10	8 mm	10 mm	1 mm	115 mm	7 BAR	   
TP8X12	8 mm	12 mm	2 mm	75 mm	12 BAR	  
TP9X12	9 mm	12 mm	1.5 mm	105 mm	9 BAR	    
TP9.52X12.7	9.52 mm	12.7 mm	1.59 mm	115 mm	9 BAR	 
TP10X12	10 mm	12 mm	1 mm	165 mm	5 BAR	  
TP10X14	10 mm	14 mm	2 mm	105 mm	10 BAR	 
TP11X14	11 mm	14 mm	1.5 mm	150 mm	7 BAR	
TP12X15	12 mm	15 mm	1.5 mm	170 mm	7 BAR	 
TP12X16	12 mm	16 mm	2 mm	140 mm	9 BAR	  
TP12.5X15	12.5 mm	15 mm	1.25 mm	210 mm	5 BAR	 
TP14X18	14 mm	18 mm	2 mm	180 mm	7 BAR	
TP14X20	14 mm	20 mm	3 mm	145 mm	11 BAR	
TP15X18	15 mm	18 mm	1.5 mm	250 mm	5 BAR	 
TP16X20	16 mm	20 mm	2 mm	225 mm	7 BAR	 
TP18X25	18 mm	25 mm	3.5 mm	195 mm	10 BAR	
TP20X26	20 mm	26 mm	3 mm	250 mm	8 BAR	
TP21X25	21 mm	25 mm	2 mm	360 mm	5 BAR	

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

