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P T F E



PTFE hose linear tube. Better known as Teflon® is unbeatable in terms of flexibility, temperature range and chemical resistance.

FEATURES

Flexible **Polytetrafluoroethylene** (PTFE) tube, intrinsically **resistant to light, heat, aging and self-extinguishing** UL94 V0. It is the most flexible of the fluoropolymers in our range and the **most stable in the very wide temperature range** at which it can work. It is famous for its chemical resistance that makes it **usable even in contact or for the passage of highly corrrosive liquids and gases, even at high temperatures.** The smooth, self-lubricated surface has a **very low coefficient of friction**. On the other hand, the dimensional tolerances are not small enough to allow installation with quick fittings and the length of the tips can be limited compared to your needs because it depends on the capacitive lot of the RAM extrur. It is also a material that hardly adapts to dynamic applications and its transparency varies greatly from batch to batch. Last negative note, from the point of view of circular economy and respect for the environment, it is right to emphasize that production waste and disposal or regeneration are much more difficult and expensive than all the other materials of our processing.



SECTORS

INDUSTRIAL
FOOD

NORMS AND DECLARATIONS

CE REG. 10/2011
CE REG. 1935/2004
D.M. 21/03/73
FDA TITLE 21 CFR 177.1550

APPLICATIONS

CHEMICAL RESISTANCE
LOW PERMEABILITY
FOOD CONTACT
STEAM
LOW TEMPERATURE (UNDER -60°C)
FLAMMABILITY
UV RESISTANCE
HIGH TEMPERATURE (ABOVE 150°C)
VACUUM

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Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	OPERAT.
PTFE1.6X3.17T	1.6 mm	3.17 mm	0.785 mm	15 mm	25 BAR
PTFE2X4A	2 mm	4 mm	1 mm	15 mm	25 BAR
PTFE2X4N	2 mm	4 mm	1 mm	15 mm	25 BAR
PTFE2X4T	2 mm	4 mm	1 mm	15 mm	25 BAR
PTFE2.5X4N	2.5 mm	4 mm	0.75 mm	25 mm	17 BAR
PTFE2.5X4T	2.5 mm	4 mm	0.75 mm	25 mm	17 BAR
PTFE3X5T	3 mm	5 mm	1 mm	25 mm	19 BAR
PTFE3.18X6.35T	3.18 mm	6.35 mm	1.585 mm	25 mm	25 BAR
PTFE4X6A	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6BS	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6G	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6N	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6R	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6T	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE4X6V	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE5X8T	5 mm	8 mm	1.5 mm	45 mm	17 BAR
PTFE6X8A	6 mm	8 mm	1 mm	70 mm	10 BAR
PTFE6X8G	6 mm	8 mm	1 mm	70 mm	10 BAR
PTFE6X8N	6 mm	8 mm	1 mm	70 mm	10 BAR

MEBRA
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Part number	Inner diameter (iØ)	Outerdiameter (oØ)	Wall thickness	Minimum bendingradius		OPERAT.
PTFE6X8R	6 mm	8 mm	1 mm	70 mm	10 BAR	
PTFE6X8T	6 mm	8 mm	1 mm	70 mm	10 BAR	
PTFE6X10T	6 mm	10 mm	2 mm	50 mm	19 BAR	
PTFE6.35X9.52T	6.35 mm	9.52 mm	1.585 mm	60 mm	15 BAR	
PTFE8X10A	8 mm	10 mm	1 mm	115 mm	8 BAR	
PTFE8X10N	8 mm	10 mm	1 mm	115 mm	8 BAR	
PTFE8X10R	8 mm	10 mm	1 mm	115 mm	8 BAR	
PTFE8X10T	8 mm	10 mm	1 mm	115 mm	8 BAR	
PTFE9X12T	9 mm	12 mm	1.5 mm	105 mm	10 BAR	
PTFE10X12A	10 mm	12 mm	1 mm	165 mm	6 BAR	
PTFE10X12G	10 mm	12 mm	1 mm	165 mm	6 BAR	
PTFE10X12N	10 mm	12 mm	1 mm	165 mm	6 BAR	
PTFE10X12T	10 mm	12 mm	1 mm	165 mm	6 BAR	
PTFE12X14T	12 mm	14 mm	1 mm	230 mm	5 BAR	
PTFE12.5X15T	12.5 mm	15 mm	1.25 mm	210 mm	6 BAR	
PTFE15X18T	15 mm	18 mm	1.5 mm	250 mm	6 BAR	

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PRESSURE/TEMPERATURE

Operating temperature: **from -40°C to 200°C**

Safety factor on working pressure: **3:1**

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

