PNEUMATICS GROUP

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 thefluoropolymers inour range and the most stable in the very wide temperature range at which it canwork. 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

APPLICATIONS

CHEMICAL RESISTANCE | LOW PERMEABILITY | FOOD CONTACT | STEAM | LOW TEMPERATURE (UNDER -60°C)

FLAMMABILITY | UV RESISTANCE | HIGH TEMPERATURE (ABOVE 150°C) | VACUUM

PRODUCTS

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	OPERAT.
PTFE42-50M **PTFE42-100M**	2 mm	4 mm	1 mm	15 mm	25 BAR
PTFE64-50M **PTFE64-100M**	4 mm	6 mm	1 mm	40 mm	15 BAR
PTFE86-50M **PTFE86-100M**	6 mm	8 mm	2 mm	50 mm	19 BAR
PTFE108-50M **PTFE108-100M**	8 mm	10 mm	1 mm	115 mm	8 BAR
PTFE1210-50M **PTFE1210-100M**	10 mm	12 mm	1 mm	165 mm	6 BAR

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**