

T6600

Thermoplastic Polymers

Tubeflex™ PTFE || Polytetrafluoroethylene (Teflon®) Tubing

Pneumatic Applications



Description

A thin walled tube made of polytetrafluoroethylene (PTFE).

Applications

PTFE has one of the lowest coefficients of friction for known materials. It also has remarkable anti-stick properties whilst simultaneously being easy to clean. The unique properties of PTFE make it suitable for a huge range of applications, however it is commonly found in pneumatic, chemical, medical and food/beverage applications.

Construction

Tube

Smooth, thin walled tube of PTFE.

Temperature Range

-250°C to +250°C

Specification - Boxed Coils								
Size	ID (mm)	OD (mm)	Wall (mm)	Bend Radius (mm)	WP (bar)	BP (bar)	Weight (g/m)	Product Code
-	2	4	1.00	32	20	60	20	T6600M-04-002
5/32"	4	6	1.00	72	13	40	34	T6600M-06-004
5/16"	5	8	1.50	85	12	36	66	T6600M-08-005
1/4"	6	8	1.00	128	10	30	47	T6600M-08-006
5/16"	8	10	1.00	200	8	24	61	T6600M-10-008
3/8"	10	12	1.00	288	6	20	74	T6600M-12-010

Advantages

PTFE tubes are compatible with most chemicals. Fluoropolymers give the tubes excellent dimensional stability over a wide temperature range from -250 to +250°C. They are also non-flammable and electrically insulating.

The material with the lowest coefficient of friction, PTFE has remarkable anti-stick properties and is easy to clean. PTFE tubes have a perfectly smooth inner wall. They are white and slightly translucent.

Connectors

It is best to use PTFE tubes with compression fittings usually used with nylon tube.