

TFE250 (4x)

HIGH TEMPERATURE CHEMICAL RESISTANT FLOURPLASTIC TUBING

TFE 250 4:1 tubing has almost total chemical and solvent resistance and can withstand temperatures ranging between -67°C and $+250^{\circ}\text{C}$, allowing it to excel equally in extreme cold and hot environments. Manufactured from virgin PTFE, this material has extremely high electrical resistance and total resistance to Ultra Violet radiation.



TECHNICAL DATA

HIGH TEMPERATURE CHEMICAL RESISTANT FLUOROPLASTIC TUBING

Material	PTFE Polytetrafluoroethylene
Operating Temperature	-270°C to $+260^{\circ}\text{C}$
Dielectric Strength	27.5 KV/mm
Installation Temperature	340°C
Thermal Heat Ageing	168 hours at 350°C 4 hours at 400°C
Chemical Resistance	Gasoline ISO 1817 Hydraulic Fluid H515 Lubricating oil to Q-149
Specifications	UL 224 CSA RoHS Compliant AMS DTL 23053/5 Class 1 Colours

APPLICATIONS

- Medical and surgical devices in-body applications.
- High temperature industrial equipment.
- Chemical and analytical science industries.
- Aircraft, military and space technology.

BENEFITS

- Chemically inert, therefore excellent chemical resistance.
- Superior performance in extreme temperatures.
- Has the lowest co-efficient of friction of any polymer.
- Total resistance to Ultra Violet radiation.

Ordering Description	Ordering Size (Inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)
TFE250-1/8-CLR	1/8	3.20	0.94	0.25 ± 0.08
TFE250-3/16-CLR	3/16	4.80	1.27	0.30 ± 0.08
TFE250-1/4-CLR	1/4	6.40	1.60	0.30 ± 0.10
TFE250-3/8-CLR	3/8	9.50	2.44	0.30 ± 0.10
TFE250-1/2-CLR	1/2	12.50	3.60	0.38 ± 0.10

QUALITY ASSURANCE

PMG Company promises to always strive to offer our customers quality assurance. We aim to provide consistent and exceptional levels of customer service. This is achieved by our experienced sales and logistics teams. Quality assurance is our way of preventing mistakes and avoiding problems when delivering products to our customers. The high quality products we supply also conform to internationally recognised product specifications and standards.