

TFE250

High temperature, Chemical Resistant, Fluoroplastic Tubing

TFE250 2:1 tubing has almost total chemical and solvent resistance and can withstand temperatures ranging between -67°C and +250°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.

FEATURES & 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

APPLICATIONS

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

General Information	
Material	PTFE (Polytetrafluoroethylene)
Operating Temperature	-67°C to +250°C
Installation Temperature	340°C
Thermal heat ageing	168 hours at 350°C 4 hours at 400°C
Dielectric strength	27.5 KV/mm
Chemical resistance	Gasoline ISO 1817 Hydraulic fluid H515 Lubricating oil to Q-149
Specifications	MIL-DTL-23053/12 RoHS Compliant

Available Colour

CLEAR & BLACK

Ordering Description	Size (Inches)	Minimum Supplied ID (mm)	Maximum Recovered ID (mm)	Wall Thickness (mm)
TFE250-1/8-CLR	1/8	3.05	1.83	0.41 ± 0.08
TFE250-3/16-CLR	3/16	4.85	2.84	0.41 ± 0.08
TFE250-1/4-CLR	1/4	6.10	3.58	0.51 ± 0.10
TFE250-3/8-CLR	3/8	9.40	5.69	0.51 ± 0.10
TFE250-1/2-CLR	1/2	11.94	8.81	0.51 ± 0.10

PACKAGING OPTIONS - 1.2M LENGTHS OR SPOOLS.

Full details on technical specifications, test methods and values are available on request.

