



TFE250 (4X)

High temperature, chemical resistant, fluoroplastic tubing

- 4:1 Shrink Ratio
- Shrink Temperature >330°C
- Non Flammable
- Solvent Resistant
- Chemical Resistant
- Operating Temperature -67°C to +250°C

TFE250 (4X) is a fluoroplastic material which has almost total chemical and solvent resistance. TFE250 (4X) will withstand a continuous operating temperature of 250°C, has extremely high electrical resistance and total resistance to UV radiation. Teflon has many applications throughout industry, and its unique properties allow these tubings to solve problems not possible with other materials.

Technical Data

General	
Installation temperature	340°C
Concentricity	60% minimum
Longitudinal change	-20% +20%
Ultimate elongation	200% minimum
Tensile strength	21 MPa
Electrical	
Dielectric strength	27.5 kV/mm minimum
Thermal	
Heat ageing	168 hours at 350°C 4 hours at 400°C
Flammability	
Duration of burning	15 seconds maximum

Chemical	
Fluid resistance	Gasoline ISO 1817 liquid test B Hydraulic fluid H515 Lubricating oil to O-149
Specifications	
MIL-DTL-23053/12 Def Stan 59-97 Type 5B BS 3G-198 Type 21B RoHS Compliant	

Ordering Size (Inches)	Minimum ID Supplied (mm)	Maximum ID Recovered (mm)	Recovered Wall Thickness (mm)	Lengths per Bag
1/8	3.17	0.94	0.23	50
3/16	4.75	1.27	0.30	50
1/4	6.35	1.60	0.30	25
3/8	9.52	2.44	0.30	25
1/2	12.70	3.66	0.38	25
3/4	19.05	5.69	0.38	25
1	25.40	7.06	0.38	15

Standard colour: Transparent
Other colours to special order

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