



## TFER

High temperature, 3.2:1 shrink ratio, chemically inert modified Teflon tubing

### Applications

Designed to provide insulation and mechanical protection in extreme thermal and chemical environments. Ideally suited for electrical insulation of electronic components, hydraulic hoses and couplings against contamination and corrosion. High mechanical strength and a low friction co-efficient make TFER ideal for preventing damage to bearing shafts and similar applications.

### Features & Benefits

- Highly flame retardant
- Excellent chemical & solvent resistance
- 3.2:1 shrink ratio

### Operating Temperature

- -67°C to +250°C

### Installation

- Minimum full recovery +340°C

### Specifications/Approvals

- AMS-DTL-23053/12
- Def Stan 59-97 Type 5B
- RW-2054

### Dimensions (all dimensions are in mm's)

Inside Diameter		Wall Thickness	Standard Packaging & Ordering Description	
As Supplied (min)	After Heating (max)	Wall Recovery (nom)	1.2m Pack Size (STK)	Ordering Description
2.0	0.6	0.23	60m	TFER-5/64-X
3.2	1.0	0.25	60m	TFER-1/8-X
6.4	1.6	0.30	30m	TFER-1/4-X
9.5	2.4	0.30	30m	TFER-3/8-X
12.7	3.7	0.38	30m	TFER-1/2-X
15.9	4.5	0.38	30m	TFER-5/8-X
19.0	5.7	0.38	30m	TFER-3/4-X
25.4	7.1	0.38	30m	TFER-1-X
32.0	8.8	0.38	12m	TFER-1-1/4-X

**Note:** Wall thickness will be less if tubing recovery is restricted during shrinkage.

### Ordering Information

- Standard colour: X = (Clear).  
 Size selection: The largest size that will recover snugly over the component(s).  
 Standard packaging: 1.2m lengths (STK).  
 Ordering description: Specify product, size and colour; e.g. **TFER-1/2-X-STK** (X=Clear).  
**Ordering Example:** 6m of 1.6mm recovered inside diameter tubing = **TFER-1/4-X-STK** (X=Clear).  
 6m of 19mm supplied inside diameter tubing = **TFER-3/4-X-STK** (X=Clear).