

TUBING

TFE

High temperature, chemically inert, modified Teflon® 1.8:1 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 TFE ideal for preventing damage to bearing shafts and similar applications.

Features & Benefits

- Highly flame retardant
- Excellent chemical & solvent resistance
- 1.8:1 shrink ratio

Operating Temperature

- -67°C to +250°C

Installation

- Minimum full recovery +340°C

Dimensions (all dimensions are in mm)

Inside Diameter		Wall Thickness	Pack Size	Description
As Supplied (min)	After Heating (max)	Wall Recovery (nom)	1.2m Lengths (STK)	
0.8	0.38	0.23	60m	TFE-30-X
0.9	0.46	0.23	60m	TFE-28-X
1.1	0.56	0.25	60m	TFE-26-X
1.2	0.68	0.25	60m	TFE-24-X
1.4	0.81	0.30	60m	TFE-22-X
1.5	0.99	0.30	60m	TFE-20-X
1.9	1.24	0.30	60m	TFE-18-X
2.3	1.55	0.30	60m	TFE-16-X
3.0	1.83	0.30	60m	TFE-14-X
3.8	2.26	0.30	60m	TFE-12-X
4.8	2.84	0.30	60m	TFE-10-X
6.1	3.58	0.38	30m	TFE-8-X
7.6	4.52	0.38	30m	TFE-6-X
9.4	5.69	0.38	30m	TFE-4-X
10.9	7.06	0.38	30m	TFE-2-X
11.9	8.81	0.38	30m	TFE-0-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 name, size, colour and packaging: e.g. TFE-10-X-STK.

Ordering Example:

2.3mm supplied inside diameter clear tubing, in 1.2 m lengths = TFE-16-X-STK.



Specifications/Approvals

- AMS-DTL-23053/12 class 3
- Def Stan 59-97 Type 5a
- RW-2055
- B5 3G-198-4 Type 21A