

# Semi Rigid High Temperature PTFE Tubing 4:1 Ratio



PTFE, normally called Teflon, offers the ultimate performance with a continuous working temp. of up to 250°C. TF4X suitable for use in many applications including aircraft, medical and chemically hostile environments. It is unaffected by weathering.

- Operating Temperature Range -67°C to 250°C
- Shrink Temperature 327°C
- High Temperature
- Military, DEF STAN
- Shrink Ratio 4:1

## Shrink Sleeve

The Worldwide Tubing Solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the 21st Century.

[www.shrinksleeve.com](http://www.shrinksleeve.com)

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## Technical Data

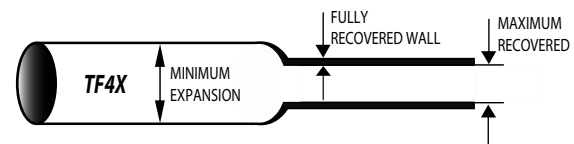
Property	Test Method	Values
Tensile Strength	ASTM D 638	2500 - 4000 psi
Ultimate Elongation	ASTM D 638	225-450%
Coefficient of Friction		0.10
Low Temperature Flexibility	MIL-1-23053	No cracking or flowing of outer wall
Dielectric Constant	ASTM D 150	2.05+/-0.05
Volume Resistivity	ASTM D 876	10 <sup>18</sup> Ohm-cm
Dielectric Strength	ASTM D 876	40KV/mm min
Corrosion(Copper Mirror)	IMIL-1-23053	No corrosion
Water Absorption	ASTM D 570	0.01% Max
Flammability	ASTM D 876	Non-burning
Fluid Resistance	MIL-1-23053	No change in properties
Ultimate Elongation		

## Specification References

MILITARY	FLAME RETARDANT
MIL-DTL 23053/12 DEF STAN 59-97	MIL

## Dimensions

ORDERING No. size ref (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD LENGTH (M)
2.0	1.98	0.63	0.23	1.2
3.2	3.17	0.94	0.25	1.2
4.8	4.75	1.27	0.30	1.2
6.4	6.35	1.60	0.30	1.2
9.5	9.52	2.44	0.30	1.2
12.7	12.70	3.66	0.38	1.2
15.8	15.87	4.52	0.38	1.2
19.0	19.05	5.69	0.38	1.2
25.4	25.40	7.06	0.38	1.2
38.1	38.10	10.16	0.38	1.2



Colour : Clear (CR)  
1.2m (4ft) lengths

Order : Product Size Colour  
TF4X — —  
Ex. 3.2mm ID Clear 4to1 - TF4X 3.2 CR