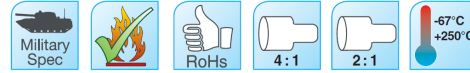


# HPTF—High temperature, chemically inert, heat shrinkable tubing



## Features & Benefits

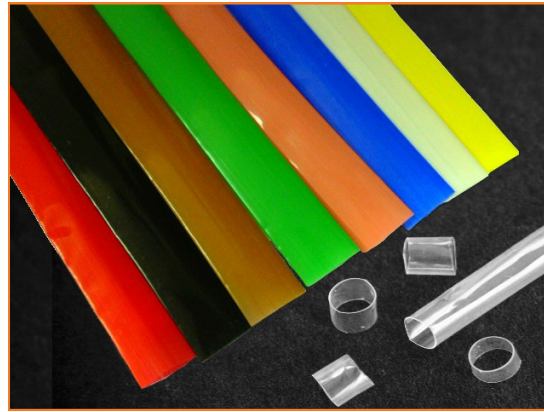
- Shrink Ratio 2:1 & 4:1
- Highly flame retardant
- Excellent chemical resistance
- Operating temperature range -67°C to +250°C

## Specifications

Agency  
AMS 3584, 3585  
Military

### Standard Colours & Colour Codes

Black - 0	Yellow - 4	Grey - 8
Brown - 1	Green - 5	White - 9
Red - 2	Blue - 6	Pink - 2L
Orange - 3	Violet - 7	Clear - X



## Applications

Hilltop HPTF is a heat-shrinkable tubing manufactured from a modified Teflon (Polytetrafluoroethylene), an excellent high temperature covering and insulating material with a milk-white translucence. HPTF has the added advantages of thin wall high shrink ratio, greater flexibility and transparency in application. Can be used within the medical industry.

HPTF is highly flame retardant and exhibits outstanding chemical and solvent resistance with electrical characteristics which remain stable over a wide temperature range. The operating temperature ranges from -67°C to +250°C and up to 400°C for short period. The major uses of this material are for electrical insulation, protection of electronic components and the covering of hydraulic hose and coupling preventing contamination and corrosion. The high mechanical strength and extremely low coefficient of friction make it ideal for reducing damage to bearing shafts etc.

### Supplied in 1.2 metre lengths

Ordering Size	Min Expansion	Max Recovered	Nominal Recovered Wall	ORDERING DESCRIPTION
mm	mm	mm	mm	
2.0	1.9	0.64	0.23	HPTF-2.0-colour code-STK
3.2	3.18	0.94	0.26	HPTF-3.2-colour code-STK
4.8	4.75	1.27	0.31	HPTF-4.8-colour code-STK
6.4	6.35	1.60	0.31	HPTF-6.4-colour code-STK
9.5	9.53	2.44	0.31	HPTF-9.5-colour code-STK
12.7	12.70	3.66	0.39	HPTF-12.7-colour code-STK
15.9	15.80	4.53	0.39	HPTF-15.9-colour code-STK
19.0	19.00	5.69	0.39	HPTF-19.0-colour code-STK
25.4	25.40	7.07	0.39	HPTF-25.4-colour code-STK
38.0	38.10	10.16	0.39	HPTF-38.0-colour code-STK
51.0	50.80	13.21	0.51	HPTF-51.0-colour code-STK
63.5	63.50	16.51	0.51	HPT-63.5-colour code-STK
76.0	76.20	19.69	0.51	HPTF-76.0-colour code-STK
102.0	101.60	26.04	0.64	HPTF-102.0-colour code-STK

Electric Strength:  
Test Method: IEC 60243  
Test Requirement: 27.5 MV/m minimum

Tensile Strength:  
Elongation:  
Longitude Change:

IEC 811-1-1 19mPs  
IEC 811-1-1 200%  
ASTM-D 2671 ± 15%

HPTF—High temperature, chemically inert, heat shrinkable tubing