



ELECTRICAL
MECHANICAL
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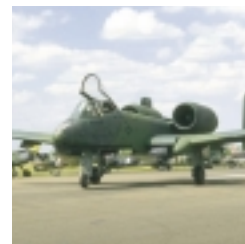
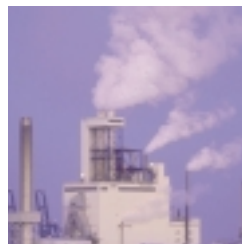
FLAME
RETARDANT



2:1
STANDARD
SHRINK RATIO

Standard Wall PTFE

CTEE 250



CTEE 250

PTFE Teflon® Heat Shrink Tubing specially designed for industrial, automotive, military/aerospace and electrical applications in extreme electrical, chemical and thermal environments

Features

- Exceptional electrical properties
- Chemically inert
- Semi-Rigid
- Highly flame retardant
- Designed for continuous use at 250°C
- Thin and Extra Thin Wall options available
- Meets: MIL-DTL-23053/12; Class 2 AMS 3585 & 3586
- Continuous operating temperature: -67°C to 250°C
- Shrink temperature: 350°C

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CTFE 250

Standard Wall PTFE

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	2500 psi (17 MPa)
Elongation	ASTM D2671, ISO 37	200%
Longitudinal Change	ASTM D2671	20% max
Specific Gravity	ASTM D792	2.3
Low Temperature Flexibility (4 hrs. at -65°C)	ASTM D2671	No cracking
Heat Shock (4hrs at 400°C)	ASTM D2671	No cracks when bent through 360 degrees - will not crack, flow or drip
Flammability	ASTM D876	Does not support combustion

Electrical

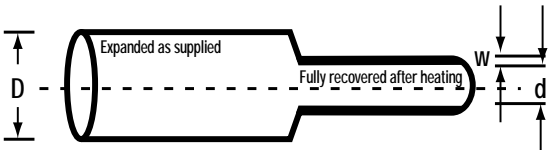
Dielectric Breakdown	ASTM D2671	850 V/Mil (34kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁸ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/12, ISO 1817, ISO 37	Excellent
Copper Corrosion	ASTM D2671	Non-corrosive
Water Absorption	ASTM D570	0.1% max

Dimensions

ORDER REF. NO. METRICIMPERIAL		EXPANDED		RECOVERED				STANDARD LENGTHS	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)			
XXXX	YYYY	mm	DIN	mm	dIN	mm	wIN	AAm	BBFT
0014	0055	1.40	0.055	0.813	0.032	0.305	0.012	150	500
0165	0065	1.65	0.065	1.092	0.043	0.406	0.016	150	500
0279	0110	2.79	0.110	1.702	0.067	0.406	0.016	150	500
0381	0150	3.81	0.150	2.261	0.089	0.406	0.016	150	500
0521	0205	5.21	0.205	3.150	0.124	0.508	0.020	150	500
0686	0270	6.86	0.270	4.013	0.158	0.508	0.020	150	500
0767	0302	7.67	0.302	4.521	0.178	0.508	0.020	75	250
0991	0390	9.91	0.390	6.325	0.249	0.508	0.020	75	250
1194	0470	11.94	0.470	8.814	0.347	0.635	0.025	30	100



Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

To Order in Metric Units:

CTFE 250 - ^{Order Ref. No.}XXXX - ^{Options}CC - OO - AA - M
ColorStandard Length

To Order in Imperial Units:

CTFE 250 - ^{Order Ref. No.}YYYY - ^{Options}CC - OO - BB - I
ColorStandard Length

Standard Colors (CC)

Order Code	Color
CR	CLEAR (Natural)

* For additional colors please see price list.

Options (OO)

	Standard	Thin*	Extra Thin*
Unprinted	00	01	02

* Thin and extra thin wall also available, call factory for a quote and data.

Standards: MIL-DTL-23053/12, Class 2; AMS 3585 & 3586

Note: Non-standard colors, sizes and lengths available subject to factory quotation. REV 1

CANUSA

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

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