



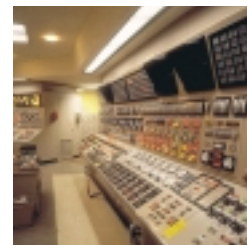
ELECTRICAL
MECHANICAL
INSULATION

CANUSA



Thin Wall
Crosslinked Polyolefin

CPX 876

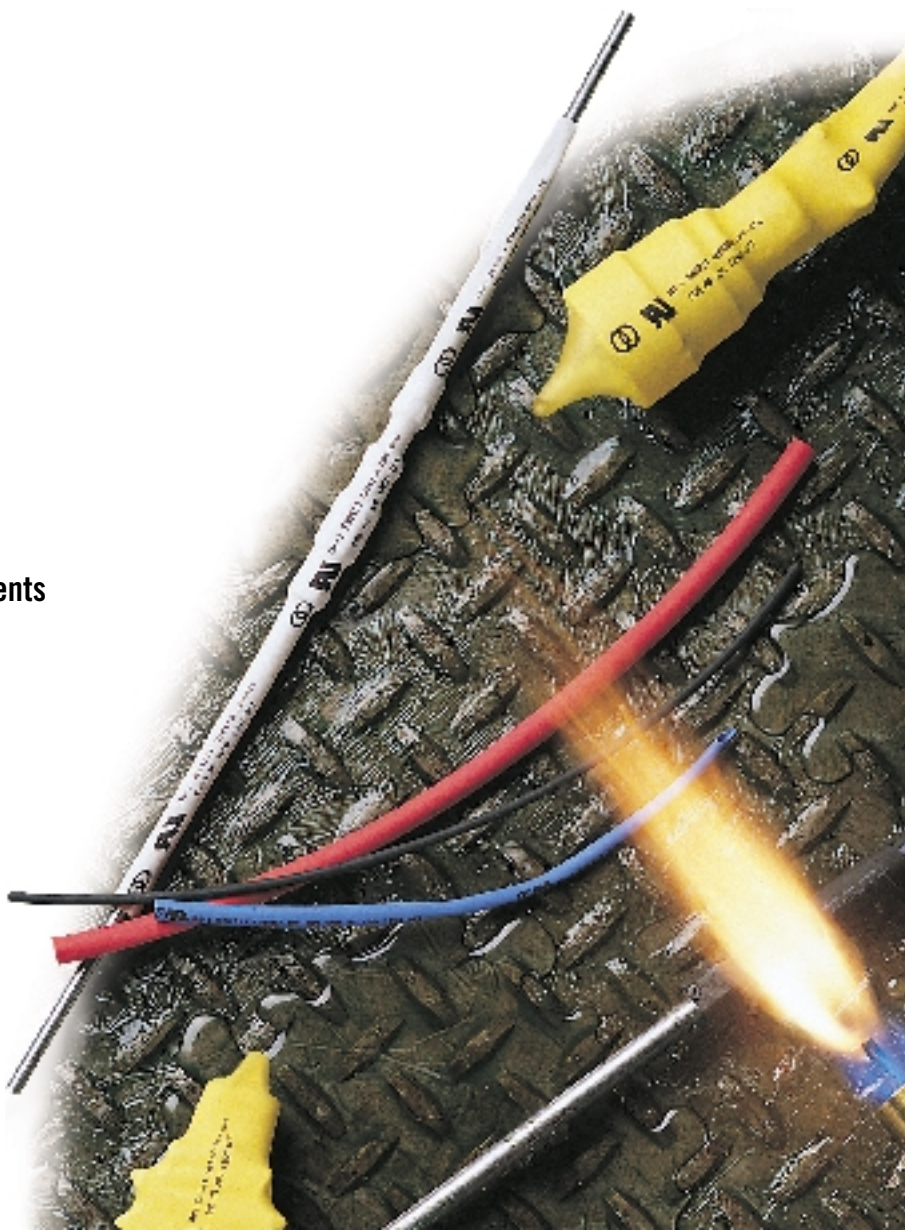


CPX 876

Flexible, highly flame
retardant Heat Shrink Tubing

Features

- Highly flame retardant
- Flexible
- Resistant to common fluids and solvents
- Meets: UL 224, 125°C, VW-1;
CSA C22.2, No. 198.1, 125°C, OFT;
MIL-DTL-23053/5 Class 3;
AMS 3636; DEF STAN 59-97,
Issue 3, Type 1a
- Continuous operating temperature:
-55°C to 135°C
- Shrink temperature: 125°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	2000 psi (14.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	+1/- 10%
2% Secant Modulus	ASTM D2671	15000 psi (100 MPa)
Specific Gravity	ASTM D792, ISO R1183	1.44
Restricted Shrinkage	ASTM D2671	No Cracking
Elongation after Heat Aging (168hrs at 175°C)	ASTM D2671, ISO 37	350%
Heat Shock (4hrs at 250°C)	MIL-DTL-23053/5, ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4hrs at -55°C)	MIL-DTL-23053/5, ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Highly Flame Retardant

Electrical

Dielectric Strength	ASTM D2671, IEC 243	600 V/Mil (24kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.3%
Fungus Resistance	ASTM G21	No Growth

CANUSA

There's no end to what we cover

CANUSA 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 is a recognized world leader in the provisioning of high quality heat shrink products.

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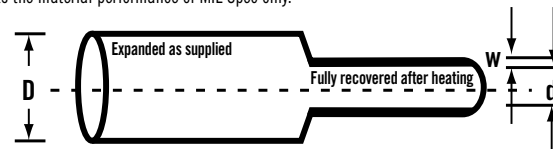
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Dimensions

ORDER REF. NO. METRIC	IMPERIAL	EXPANDED		RECOVERED			STANDARD LENGTHS		
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)	WALL THICKNESS (NOM)		AA	BB	
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN	m	FT
0012	0047	1.2	3/64	0.6	3/128	0.45	0.018	150	1000
0016	0062	1.6	1/16	0.8	1/32	0.45	0.018	150	1000
0024	0093	2.4	3/32	1.2	3/64	0.51	0.020	150	1000
0032	0125	3.2	1/8	1.6	1/16	0.51	0.020	150	1000
0048	0187	4.8	3/16	2.4	3/32	0.51	0.020	75	1000
0064	0250	6.4	1/4	3.2	1/8	0.64	0.025	75	500
0095	0375	9.5	3/8	4.8	3/16	0.64	0.025	75	500
0127	0500	12.7	1/2	6.4	1/4	0.64	0.025	75	200
0160	0625*	16.0	5/8	8.0	5/16	0.64	0.025	75	200
0190	0750	19.0	3/4	9.5	3/8	0.76	0.030	75	100
0254	1000	25.4	1	12.7	1/2	0.89	0.035	30	100
0320	1250*	32.0	1 1/4	16.0	5/8	0.89	0.035	30	100
0381	1500	38.1	1 1/2	19.0	3/4	1.02	0.040	30	100
0508	2000*	50.8	2	25.4	1	1.14	0.045	30	100
0762	3000*	76.2	3	38.1	1 1/2	1.27	0.050	15	50
1016	4000*	101.6	4	50.8	2	1.40	0.055	15	50

* Meets the material performance of MIL Spec only.



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:

Order Ref. No. Options
CPX 876 - XXXX - CC - OO - AA - M
Color Standard Length

To Order in Imperial Units:

Order Ref. No. Options
CPX 876 - YYYY - CC - OO - BB - I
Color Standard Length

Standard Colors (CC)

Order Code	Color	Order Code	Color
BK	BLACK	BE	BLUE
RD	RED	YW	YELLOW
WE	WHITE	GN	GREEN

Options (OO)

Unprinted	00
Printed	01

* For additional colors please see price list.

Lengths:	Supplied on continuous reels
Standards:	UL 224, 125°C, VW-1; CSA C22.2, No. 198.1, 125°C, OFT; MIL-DTL-23053/5 Class 3; AMS 3636; DEF STAN 59-97, Issue 3, Type 1a

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