



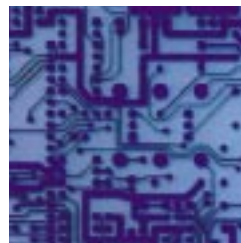
ELECTRICAL
MECHANICAL
INSULATION

CSANUSA
EMI



Thin Wall
Crosslinked Polyolefin

CLST 80



CLST 80

Low Shrink Temperature, Heat Shrink Tubing, ideal for covering sensitive electronic components

Features

- Very flexible
- Meets requirements of Ford MVSS 302
- Continuous operating temperature: -55°C to 125°C
- Shrink temperature: 80°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	1700 psi (12.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	+/- 5%
2% Secant Modulus	ASTM D2671	7000 psi (50 MPa)
Specific Gravity	ASTM D792, ISO R1183	1.05
Heat Shock (4hrs at 250°C)	ASTM D2671	No dripping, cracking or flowing
Low Temperature Flexibility (4hrs at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Not Flame Retardant
Burn Rate	Ford MVSS 302	< 4 in/min

Electrical

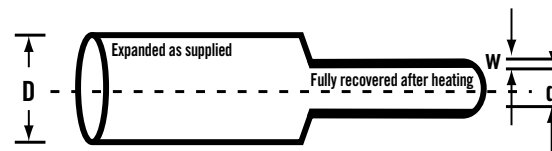
Dielectric Strength	ASTM D2671, IEC 243	500 V/Mil (20kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm

Chemical

Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No Growth

Dimensions

ORDER REF. NO. METRIC	ORDER REF. NO. IMPERIAL	EXPANDED		RECOVERED				STANDARD LENGTHS	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)		AA m	BB FT
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN		
0024	0094	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	200
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



CANUSA-EMI

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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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:

CLST 80 - ^{Order Ref. No.} XXXX - ^{Options} CC - OO - AA - M
Color Standard Length

To Order in Imperial Units:

CLST 80 - ^{Order Ref. No.} YYYY - ^{Options} CC - OO - BB - I
Color Standard Length

Standard Colors (CC)

Order Code	Color
BK	BLACK

Options (OO)

Uprinted	00
Printed	01

* For additional colors please see price list.

Lengths: Supplied on continuous reels.
Also available in mini-box packaging.

Standards: Ford MVSS 302

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