



A division of CSA Technical Solutions, LLC  
**1980 NW 44<sup>th</sup> St Deerfield Beach, FL 33064**  
**Phone 954-978-0056 Fax 888-617-2010**  
 www.BuyHeatShrink.com

## Canusa CPX 100 Heat Shrink Tubing

### Features and Benefits:

- 2:1 shrink ratio
- Flame retardant (colors only)
- Resistant to common fluids and solvents
- Economical mechanical protection for terminal strain relief and wire bundling
- Rated for 1 kV, 90°C continuous use
- Continuous operating temperature: -55°C to 135°C
- Shrink temperature: 90°C

### Standards:

- UL 224, 125°C (colors only)
- CSA C22.2 No. 198.1, 125°C
- AMS 3636 and 3637
- DEF STAN 59-97 Issue 3, Type 2a
- UL/CSA approval applies to Black and colors only

### Typical Applications:

- Electrical insulation of wire splices and terminals
- Strain relief of wire terminations
- Protects components from abrasion and fluids

### Tech Data

Property	Test Method	Typical Performance
<b>Physical</b>		
Tensile Strength	ASTM D2671, ISO 37	2,200 psi (15.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	±5%
2% Secant Modulus	ASTM D2671	16,000 psi (110MPa)
Specific Gravity	ASTM D792, ISO R1183	1.3 (colours), 0.95 (clear)
Restricted Shrinkage	ASTM D2671	No cracking
Elongation after Heat Aging (168 hr at 175°C)	ASTM D2671	350%
Heat Shock (4hr at 250°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4 hr at -55°C)	ASTM D2671	No cracking or flowing
Flammability	ASTM D2671, Proc. B	Flame retardant (except clear)
<b>Electrical</b>		
Dielectric Strength	ASTM D2671, IEC 243	600 V/mil (24 kV/mm)
Volume Resistivity	ASTM D2671	10 <sup>16</sup> ohm-cm
<b>Chemical</b>		
Fluid Resistance	MIL-DTL-23053/5, ISO 1817 and 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No growth



A division of CSA Technical Solutions, LLC  
**1980 NW 44<sup>th</sup> St Deerfield Beach, FL 33064**  
**Phone 954-978-0056 Fax 888-617-2010**  
[www.BuyHeatShrink.com](http://www.BuyHeatShrink.com)

SKU	Diameter	MFR Part Number	Mil Specification	Flat Width	ID after shrinking
HS-CPX100-0063	1/16"	CPX-100-0063	AMS-DTL-23053/5-102	1/8"	0.031"
HS-CPX100-0094	3/32"	CPX-100-0094	AMS-DTL-23053/5-103	1/8"	0.047"
HS-CPX100-0125	1/8"	CPX-100-0125	AMS-DTL-23053/5-104	3/16"	0.063"
HS-CPX100-025	1/4"	CPX-100-0250	AMS-DTL-23053/5-106	3/8"	0.125"
HS-CPX100-0375	3/8"	CPX-100-0375	AMS-DTL-23053/5-107	9/16"	0.188"
HS-CPX100-050	1/2"	CPX-100-0500	AMS-DTL-23053/5-108	13/16"	0.250"
HS-CPX100-075	3/4"	CPX-100-0750	AMS-DTL-23053/5-109	1-3/16"	0.375"
HS-CPX100-150	1-1/2"	CPX-100-1500	AMS-DTL-23053/5-111	2-3/8"	0.750"
HS-CPX100-200	2"	CPX-100-2000	AMS-DTL-23053/5-112	3-1/8"	1.00"