



CHS31 is a dual wall adhesive lined heatshrink tubing manufactured from flame retardant cross-linked polyolefin. This tubing may be used in a wide variety of electrical applications and provides excellent waterproofing and moisture protection. Its high shrink ratio makes it ideal for sealing irregular shapes.

This product has the certifications below:



Colours Available:

■ Black

Material Specification:

Material: Polyolefin
Shrink Ratio: 3:1
Operating Temperature Range: -55°C to +125°C
Flammability: VW-1
UL, RoHS and REACH compliant

C TIE
Unit 5, Axiom Business Park,
41 Balcombe Road, Horley, Surrey, RH6 7HF
Tel: 01737 760645 Fax: 01737 760946
E-mail: sales@ctie.co.uk

Property	Specification Requirement	Test Method	Typical Result
Longitudinal Shrinkage	<10%	ASTM D 2671	<5%
Tensile Strength	10.4 MPa min	ASTM D 638	>12 MPa
Elongation at break	200% min	ASTM D 638	>400%
Tensile strength after ageing (175oC, 168hrs)	7.28 MPa min	ASTM D 638	>10.4 MPa
Elongation after ageing (175oC, 168hrs)	100% min	ASTM D 638	>300%
Heat shock (250oC, 4hrs)	No Crack	ASTM D 2671	No Crack
Low temperature flexibility (-55oC, 4hrs)	No Crack	ASTM D 2671	No Crack
Dielectric voltage withstand	2500V, 60 sec, no breakdown	ASTM D 2671	No Breakdown
Dielectric Strength	19.7 KV/mm min	ASTM S 2671	>25 KV/mm
Volume resistivity	10 ¹⁴ Ω cm min	ASTM D 876	>10 ¹⁴ Ω cm
Corrosion	No Corrosion	ASTM D 2671	No Corrosion
Flammability	VW-1	UL224	Pass

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All Specifications
are Subject to
change