



This product has the certifications below:



Colours Available:

 Black

 Red

 Clear (CHS31 Clear is not flame retardant)

Material Specification:

Material: Polyolefin

Shrink Ratio: 3:1

Operating Temperature Range: -55°C to +125°C

Flammability: VW-1

RoHS and REACH compliant

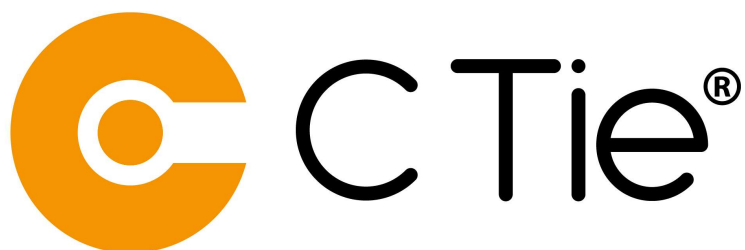
UL & CE Certified (except clear tubing)



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All Specifications
are Subject to
change



Data Sheet – CHS31 Series Heatshrink Tubing (Page 2)

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