

Shrink-Kon® Heat-Shrinkable Tubing

CHS Series — Clear Thin-Wall PVC Heat Shrink

- Clear shrink enables user to inspect die and crimp details after installation
- Flexible PVC tubing is suitable for industrial and electronic applications
- UL standard UL224, VW-1 rated
- CSA standard C22.2 no. 198.1 oft
- Flame retardant
- Low shrink temperature of 110° C
- Dielectric strength — 600V/MIL

2:1 Shrink Ratio

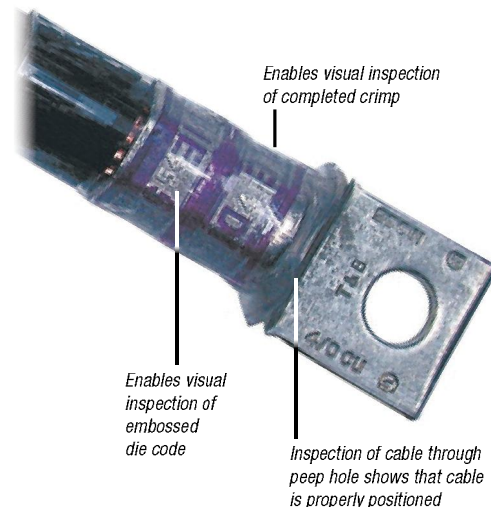


CHS Series Thin-Wall Heat-Shrinkable Tubing



CAT. NO.	MIN. EXPANDED I.D. (IN.)	MAX RECOVERED I.D. (IN.)	NOMINAL RECOVERED WALLED (IN.)	CODE CABLE SIZE	STANDARD LENGTH (IN.)	STD. PKG. QTY.
CHS18	.13	.06	.02	#22-#18 AWG	50	1
CHS18B	.13	.06	.02	#22-#18 AWG	250	1
CHS14	.25	.13	.03	#16-#10 AWG	50	1
CHS14B	.25	.13	.03	#16-#10 AWG	250	1
CHS38	.38	.19	.03	#8-#6 AWG	50	1
CHS38B	.38	.19	.03	#8-#6 AWG	250	1
CHS12	.50	.25	.03	#4-#2 AWG	50	1
CHS12B	.50	.25	.03	#4-#2 AWG	250	1
CHS34	.75	.38	.04	#1-3/0 AWG	50	1
CHS34B	.75	.38	.04	#1-3/0 AWG	250	1
CHS100	1.00	.50	.04	4/0 AWG-300 kcmil	25	1
CHS100B	1.00	.50	.04	4/0 AWG-300 kcmil	100	1
CHS112	1.50	.75	.04	350-700 kcmil	25	1
CHS112B	1.50	.75	.04	350-700 kcmil	100	1
CHS200	2.00	1.00	.05	750-1000 kcmil	25	1
CHS200B	2.00	1.00	.05	750-1000 kcmil	100	1

Standard package is in reels.
Order by reel; not by feet.



CHS Series Specifications

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Physical		
• Tensile Strength	ASTM D2671, ISO 37	3300 psi (23.0 MPa)
• Elongation	ASTM D2671, ISO 37	300%
• Longitudinal Change	ASTM D2671	±10%
• 2% Secant Modulus	ASTM D2671	16,000 psi (110 MPa)
• Specific Gravity	ASTM D792, ISO R1183	1.31
• Elongation after Heat Aging (168 hrs. at 136° C)	ASTM D2671, ISO 37	250%
• Heat Shock (4 hrs. at 250° C)	ASTM D2671	No Cracking or Flowing
• Low-Temperature Flexibility (1 hr. at 10° C)	ASTM D2671	No Cracking or Splitting
• Flammability	ASTM D2671	Self Extinguishing

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Electrical		
• Dielectric Strength	ASTM D2671, IEC 243	600V/Mil (24kV/mm)
• Volume Resistivity	ASTM D2671	1016 ohm-cm
Chemical		
• Fluid Resistance	MIL-DTL-23053, ISO 1817, ISO 37	Good to Excellent
• Copper Corrosion	ASTM D2671	No Corrosion
• Water Absorption	ASTM D570	.3%
• Fungus Resistance	ASTM G21	No Growth

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