

## 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**

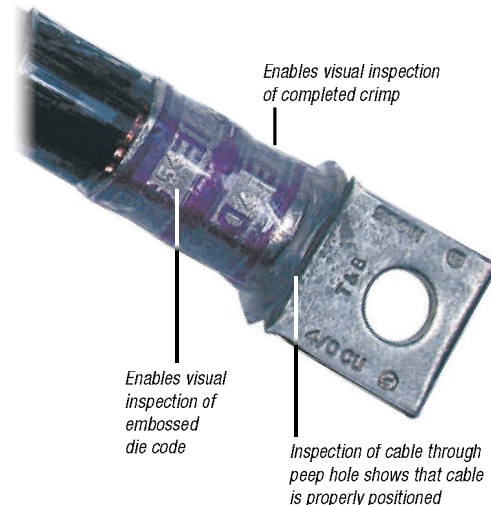


#### CHS Series Thin-Wall Heat-Shrinkable Tubing



| CAT. NO. | MIN.<br>EXPANDED<br>I.D. (IN.) | MAX<br>RECOVERED<br>I.D. (IN.) | NOMINAL<br>RECOVERED<br>WALLED (IN.) | CODE CABLE<br>SIZE | STANDARD<br>LENGTH (IN.) | STD. PKG.<br>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      |
|----------------------------------------------------|----------------------|--------------------------|
| <b>Physical</b>                                    |                      |                          |
| • 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 |
|-----------------------|---------------------------------|---------------------|
| <b>Electrical</b>     |                                 |                     |
| • Dielectric Strength | ASTM D2671, IEC 243             | 600V/Mil (24kV/mm)  |
| • Volume Resistivity  | ASTM D2671                      | 1016 ohm-cm         |
| <b>Chemical</b>       |                                 |                     |
| • 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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