

## Shrink-Kon® Heat-Shrinkable Tubing

### HSC Series End Caps

- Provides effective method for sealing cable ends, pipe conduit, etc.
- Extra thickness at the tip of the end cap prevents sharp ends of the cable from puncturing the seal
- Flame retardant
- Rated from 600/1000V, 90° continuous use
- Shrink temperature of 120° C
- Resistant to common fluids and solvents
- Adhesive liner provides complete environmental protection and insulation
- Heat indicating lines. Continuous operating temperature: -55° C to 110° C



#### HSC Series Heat-Shrinkable End Caps



CAT. NO.	MIN. EXPANDED I.D. (IN.)	MAX. RECOVERED I.D. (IN.)	RECOVERED WALLED (IN.)	CODE CABLE SIZE	STANDARD LENGTH (IN.)	STD. PKG. QTY.
HSC8-4	.51	.16	.09	#8-#6 AWG	2.50	10
HSC2-20	.75	.24	.09	#6-#2 AWG	2.50	10
HSC30-250	1.10	.35	.12	#1-3/0 AWG	3.00	5
HSC300-600	1.50	.47	.16	2/0 AWG-350 kcmil	3.50	5
HSC700-1000	2.00	.63	.16	250-500 kcmil	3.50	5
HSC750	2.70	.87	.16	600-1000 kcmil	4.00	10
HSC300*	3.50	1.18	.16	800-1250 kcmil	4.50	5
HSC500*	4.70	1.57	.17	1500-2500 kcmil	5.50	5

Order multiple is std. pkg.

\*Not UL Listed or CSA Certified.

#### HSC Series Specifications

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
<b>Physical</b>		
• Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5MPa)
• Elongation	ASTM D412, ISO 37	550%
• Elongation after Heat Aging (168 hrs. at 150° C)	ASTM D2671	500%
• Heat Shock (4 hrs. at 225° C)	ASTM D2671	No cracking or flowing
• Longitudinal Change on Recovery	ASTM D2671	+1%, -10% on Recovery
• Low-Temperature Flexibility (4 hrs. at -55° C)	ASTM D2671	No cracking
• Specific Gravity	ASTM D792	1.10
• Hardness (Shore D)	ASTM D2240	50D
<b>Electrical</b>		
• Dielectric Strength	ASTM D149	500V/Mil (20kV/mm)
• Dielectric Voltage Withstand	UL 486D	No Breakdown (2500V, 60 Hz, 1 Min.)
• Volume Resistivity	ASTM D257	1016 ohm-cm

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
<b>Chemical</b>		
• Fluid Resistance	MIL-DTL-23053	Good to Excellent
• Fungus Resistance	ASTM G21	No Growth
• Copper Corrosion	ASTM D2671	No Corrosion
• Water Absorption	ASTM D570	.1%
<b>Seal Integrity</b>		
• Adhesive Lap Shear (1 in./min. at 23° C)	ASTM D1002	130 psi (.91 MPa)
• Adhesive Softening Point	ASTM E28	92° C ±5° C
• Adhesive Peel Strength (300mm/min. at 23° C)	ASTM D1000 (mod.)	35 pli 20 pli No Blocking
— to steel, aluminum, P.E.		
— PVC		
• Adhesive Blocking (30° C)	ASTM D1146	No Blocking
• Water Penetration	STM 706	No penetration after 236 hrs. of continuous immersion
• Room Temperature	168 hrs./40 psi	No leaks
• Temp. Cycling (-40° C to 60° C)	50 cycles/15 psi	No leaks
• Burst Pressure		100 psi (0.70 MPa)