

Shrink-Kon® Heat-Shrinkable Tubing

HSHR Series — High Shrink Ratio

- Accommodates a wide variety of connector shapes and configurations
- Thermoplastic adhesive liner for complete environmental protection and insulation
- Continuous operating temperature: -55° C to 110° C
- Shrink temperature: 120° C
- Flame retardant: UL94 – V0

HSHR Series Heavy-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.
HSHR750-4	.75	.13	.10	#22-#46 AWG	48	25
HSHR1300-4	1.30	.22	.12	#8 AWG-700 kcmil	48	25
HSHR1750-4	1.75	.29	.13	#4 AWG-1000 kcmil	48	25
HSHR2000-4	2.00	.33	.13	#2 AWG-1250 kcmil	48	25
HSHR2750-4	2.75	.46	.14	1/0 AWG-1500 kcmil	48	15
HSHR3500-4	3.50	.58	.15	3/0 AWG-1750 kcmil	48	10
HSHR4700-4	4.70	.78	.15	300-2000 kcmil	48	5

Order multiple is std. pkg.
Standard color: black.

6:1 Shrink Ratio



HSHR Series Specifications

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Physical		
• Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5MPa)
• Elongation	ASTM D412, ISO 37	600%
• Elongation after Heat Aging (168 hrs. at 175° C)	ASTM D2671	500%
• Heat Shock (4 hrs. at 225° C)	ASTM D2671	No cracking or flowing
• Longitudinal Change	ASTM D2671	+1%, -10%
• Low-Temperature Flexibility (4 hrs. at -55° C)	ASTM D2671	No cracking
• Specific Gravity	ASTM D792	1.10
• Hardness (Shore D)	ASTM D2240	50D
Electrical		
• Dielectric Strength	ASTM D149, IEC 243	500V/Mil (20kV/mm)
• Dielectric Voltage Withstand	UL 486D	No Breakdown
• Volume Resistivity	ASTM D257	1016 ohm-cm

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Chemical		
• Fluid Resistance	MIL-DTL-23053/15	Good to Excellent
• Fungus Resistance	ASTM G21	No Growth
• Copper Corrosion	ASTM D2671	No Corrosion
• Water Absorption	ASTM D570	0.1%
Adhesive		
• Adhesive Lap Shear (1 in./min. at 23° C)	ASTM D1002	125 psi (.875 MPa)
• Adhesive Softening Point	ASTM E28	92° C/-5° C
• Adhesive Peel Strength (300mm/min. at 23° C)	ASTM D1000	35 pli 20 pli
— 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