

Shrink-Kon® Heat-Shrinkable Tubing

HSMW Series — Medium-Wall Tubing

- More flexible than heavy-wall products
- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- Shrink temperature of 120° C
- Continuous operating temperature: -55° C to 110° C
- Thermoplastic adhesive liner guarantees complete environmental protection and insulation

3:1 Shrink Ratio



HSMW Series Medium-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.
HSMW400-48	.40	.15	.080	#4-#14 AWG	48	25
HSMW750-48	.75	.22	.080	4/0-#8 AWG	48	25
HSMW1100-48	1.10	.40	.095	400 kcmil-#1 AWG	48	25
HSMW1300-48	1.30	.40	.095	600 kcmil-#1 AWG	48	25
HSMW1500-48	1.50	.50	.095	750 kcmil-3/0 AWG	48	25
HSMW1700-48	1.70	.50	.100	1000 kcmil-2/0 AWG	48	25
HSMW2050-48	2.05	.75	.100	250-600 kcmil	48	25
HSMW2750-48	2.75	1.00	.100	500-1000 kcmil	48	15
HSMW3500-48	3.50	1.18	.100	750-1250 kcmil	48	10
HSMW4700-48	4.70	1.57	.110	1500-2500 kcmil	48	5
HSMW6700-48	6.70	2.30	.120	—	48	5
HSMW9000-48	9.00	3.00	.130	—	48	5

Order multiple is std. pkg.

HSMW Series Specifications

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Physical		
• Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5MPa)
• Elongation	ASTM D412, ISO 37	550%
• Longitudinal Change	ASTM D2671	+1%, -10%
• Specific Gravity	ASTM D792, ISO/R1183	1.1
• Elongation after Heat Aging (168 hrs. at 150° C)	ASTM D2671, ISO 37	500%
• Heat Shock (4 hrs. at 225° C)	ASTM D2671	No Cracking or Flowing
• Low-Temperature Flexibility (4 hrs. at -55° C)	ASTM D2671	No Cracking
• Hardness (Shore D)	ASTM D2240	50D
Electrical		
• Dielectric Strength	ASTM D149, IEC 243	500V/Mil (20kV/mm)
• Dielectric Voltage Withstand (2500V, 60 Hz, 1 Min.)	UL 486D	No Breakdown
• Volume Resistivity	ASTM D257	10 ¹⁶ ohm-cm

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Chemical		
• Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
• Copper Corrosion	ASTM D2671	No Corrosion
• Fungus Resistance	ASTM G21	No Growth
• Water Absorption	ASTM D570	.1%
Adhesive		
• Adhesive Lap Shear (1 in./min. at 23° C)	ASTM D1002 (mod)	125 psi (.875 MPa)
• Adhesive Softening Point	ASTM E28	92° C/-5° C
• Adhesive Peel Strength (300mm/min. at 23° C)	ASTM D1000	
— to steel, aluminum, P.E.		35 pli
— PVC		20 pli
• Adhesive Blocking (30° C)	ASTM D1146	No Blocking
• Water Penetration	STM 706	No penetration after 286 hrs. of continuous immersion