Shrink-Kon^{*}

Heavy-Wall Heat-Shrinkable Tubing

HS Series





- Made of thermally stabilized cross-linked polyolefin, enabling a recovered wall thickness greater than that of the cable jacket replaced
- Withstands severe mechanical requirements of U.R.D., submersible, and direct burial installations
- Tubing, featuring an internally applied sealant, offers protection against moisture, and may be used over lead, steel, aluminum, copper, standard plastic and elastomeric insulating materials
- Shrink temperature of 120° C
- · High-impact, abrasion, corrosion and chemical resistance
- Rated for 600V, 90° C continuous use
- Thermoplastic adhesive liner provides complete environmental protection and insulation
- Meets: UL® 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guide Numbers 2.4, 2.5, ICEA and NEMA insulation thickness requirements
- Continuous operating temperature: -55° C to 110° C





..... HS Series Specifications

PROPERTY	TEST Method	TYPICAL PERFORMANCES	PROPERTY	TEST Method	TYPICAL PERFORMANCES
Physical			Chemical		
 Tensile Strength 	ASTM D412, ISO 37	2100 psi (14.5MPa)	 Fluid Resistance 	MIL-DTL-23053	Good to Excellent
 Elongation 	ASTM D412, ISO 37	600%	 Fungus Resistance 	ASTM G21	No Growth
 Elongation after Heat Aging (168 hrs. at 150° C) 	ASTM D2671	500%	Copper CorrosionWater Absorption	ASTM D2671 ASTM D570	No Corrosion 0.1%
 Heat Shock (4 hrs. at 225° C) 	ASTM D2671	No cracking or flowing	Adhesive		
 Longitudinal Change 	ASTM D2671	+1%, -10%	 Adhesive Lap Sheer 	ASTM D1002	125 psi (.875 MPa)
 Low Temperature Flexibility (4 hrs. at -55° C) 	ASTM D2671	No cracking	(1 in./min. at 23° C) • Adhesive Softening Point	ASTM E28	92° C ±5° C
 Specific Gravity 	ASTM D792	1.1	 Adhesive Peel Strength (300mm/min. at 23° C) 	ASTM D1000	
 Hardness (Shore D) 	ASTM D2240	50D			
Electrical			— to steel, aluminum, P.E.		35 pli
 Dielectric Strength 	ASTM D149	500 V/Mil (20kV/mm)	— PVC		20 pli
 Dielectric Voltage Withstand (2500 V, 60Hz, 1 Min.) 	UL 486D	No Breakdown, 24kV – 1 min., 15kV – 4 hrs.	 Water Penetration 	STM 706	No penetration after 236 hrs. of continuous immersion
 Volume Resistivity 	ASTM D257	1016 ohm-cm			