3:1 SHRINK RATIO, DUAL-WALL, FLAME RETARDANT, POLYOLEFIN TUBING

Applications

DW is a flexible, high shrink ratio, flame retardant heat shrinkable polyolefin tube with a meltable adhesive which flows when heated. It is needed to seal and protect a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

Features

☐ In stock for immediate shipments
☐ Shrink ratio: 66% or more in the radial direction, 10% or less in the axial direction
☐ Continuous operating temperature: - 55°C to 135°C
☐ Flammability: UL VW-1, CSA OFT (Jacket only)
☐ Excellent electrical properties
☐ High resistance to chemicals and oils

Standard

☐ MIL-DTL-23053/4 Class 3

Specification Values

Property			Test Method	Value
Physical	Unaged	Tensile strength	ASTM D 2671	Min. 1.06 kgf/mm^2 (1,500 psi)
		Elongation		Min. 200%
	Aged	Tensile strength	158°C/168 hrs	Min. 75% of the value of unaged specimens
		Elongation		Min. 100%
	Deformation		158°C/1 hr	Max. 50%
	Heat shock		250°C/4 hrs	No crack
	Cold bend		- 55°C/4 hrs	No crack
	Flexibility		158°C/168 hrs	No crack
	Secant Modulus		ASTM D 2671	Max. 17.59 kgf/mm^2 (25,000 psi)
Electrical	Dielectric strength		ASTM D 2671	Min. 15.8kV/1 minute
	Volume resistivity		ASTM D 257	Min. $10^{14}\Omega$ - cm
Chemical	Copper corrosion		175°C/16 hrs	No corrosion
	Copper stability		158°C/168 hrs	No sign of degradation
	Flammability		UL VW-1	Pass – jacket only