

# BATTERY INSULATION SLEEVING & END CAPS



As materials and manufacturing specialists, Precision Products Group engineers are uniquely qualified to work with you in designing cost effective solutions for your battery insulation requirements. From low temperature papers like dielectric kraft, to moisture and/or flame retardant materials or even PET, PET-G combination materials to high temperature polymers like Kapton and Nomex, we have the products and the packaging that offer the protection your products depend on. These materials can be enhanced through our internal printing, notching and forming, spooling and ultrasonic sealing capabilities. Whether your need is for thermal, electrical or environment protection, let us design a custom battery sleeve or battery end-cap for your application.

## Typical Materials

	Temp.
Polyester Shrinkable Sleeving	150 C
Polyamide (Nomex)	220 C
Nomex / Mylar Combination	180 C
Polyimide (Kapton)	400 C
Electrical Kraft	105 C

## Special Material Properties

Polyimide – Extreme Heat Resistant  
Polyester – Dielectric Barrier  
Krafts – Flame / Moisture Retardant

## Typical Capabilities

Printing and Multiple Color Options  
End-forming and Notching Fabrications

## Typical Applications

Portable Radio Communications  
Global Positioning Systems  
Transponders  
Transmitter Beacons  
Thermal Imaging  
Telemetry  
Digital Messaging Devices  
Target Acquisition Systems  
Night Vision Equipment  
Surveillance  
Navigation Subsystems  
Chemical Detection  
Remote Sensors  
Memory Backup  
Firing Systems  
Cordless Power Tool Batteries

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