

Utilizing our experience in engineering adhesive tapes for the automotive industry, POLYKEN offers a number of products uniquely suited for sealing, wrapping, splicing, and protecting electrical wires and harnesses used in the aerospace industry.



Product Construction	Features	Applications/ Specifications	Thickness mil / mm	Adhesion to Steel oz/in / N/cm	Tensile Strength lb/in / N/cm	Operating Temp. °F / °C	Colors
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## Heat Reflective Tapes

### AWT-342C

Aluminum/ Fiberglass Composite w/Silicone Adhesive	Flame-retardant. Extremely high temperature resistance. Hand-tearable. Excellent reflectivity and insulation properties. Excellent conformability.	Heat shielding and abrasion-guard for wire harness wrapping applications. Media blast protection and parts protection during thermal metal spray operations.  Meets FAR 25.853(a) & FAR 25.855(d)	6.5 0.165	35 3.83	113 197.89	0 - 390 -18 - 200	Metallic
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## Electrical Tapes

### AWT-823 Premium Electrical Tape

PE Film w/ Rubber Adhesive	Superior extreme weather performance including sub-zero conditions. Provides maximum electrical insulation properties. Solvent and moisture resistant.	Electrical and maintenance applications where PVC materials are not permitted. Wrapping and waterproofing wire harnesses.  Meets Douglas DPM 881; UL 510 Listed	9.5 0.241	31 3.39	17 29.77	-40 - 180 -40 - 82	Black
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### AWT-777/B17 General Purpose Electrical Tape

PVC Film w/ Rubber Adhesive	Excellent stretch and conformability. Good adhesion. 600V/wrap dielectric strength.	General Purpose wrapping and splicing for electrical wires. Color coding.  UL 510 Listed	7.0 0.178	25 2.74	20 35.02	40 - 180 4 - 82	Black, Blue, Green, Orange, White, Violet, Red, Gray, Brown, Yellow
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### AWT-Stretch & Seal® Self-Fusing Silicone Sealing Tape

Self-Fusing Silicone Film Cellophane Liner	High temperature resistance. Bonds well even in wet conditions. Excellent abrasion resistance and dielectric strength. Leaves no residue.	Wrapping applications including electrical, light-duty pipe wrapping, plumbing and waterproofing. Excellent for temporary bundling and clamping. Wrap tool handles to form an instant grip. Also available FR.  Meets A-A-59163 Type I and II; UL 510 Listed	20.0 0.508	N/A	800 psi	-60 - 500 -51 - 260	Black, Clear, Red, White, Blue
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### AWT-1800 Heavy-Duty Electrical Tape

PVC Film w/ Acrylic Adhesive Kraft Liner	Economical moisture protection. Conformable. Compatible with most sealants. Forms a permanent bond.	Heavy-duty electrical wrapping and splicing. High and low temperature applications.  Meets FAR 25.853(a)	10.0 0.254	50 5.47	25 43.78	-40 - 200 -40 - 93	Black
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