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## ***Technical Data Sheet***

Product series                      **KPT**  
Product description              **Polyimide (Kapton) tape, 1 mil**

### **General Description and Typical Applications**

KPT series polyimide film single-sided adhesive tape is used for applications that require holding, insulating or wrapping. It is also chosen for gold finger protection during wave solder applications, high temperature powder coating, ecoating, circuit board insulation and hot-air leveling.

### **Product Construction**

Color(s)                              **Amber**  
Total thickness                    **2.5 mils**  
Backing thickness                **1.0 mil**  
Adhesive thickness               **1.5 mils**  
Adhesive type                      **Silicone**

### **Product Physical Characteristics**

Maximum temperature            **500°F**  
Minimum temperature            **-100°F**  
Adhesion to steel                 **25 oz./in. width**  
Tensile strength                  **30 lbs./in. width**  
Elongation at break               **50% at break**  
Liner thickness (if applicable)   **Not applicable**  
Dielectric strength                **6500 volts**

### **Storage, Shelf Life and additional information**

Store under normal conditions of 60° to 80°F and 40 to 60% relative humidity  
Shelf life: 1 year from manufacturer ship date

The technical information and other statements contained on this sheet are derived from vendor-supplied information. Viadon believe this information to be reliable, but the accuracy and completeness of such information is not guaranteed. Each user should make their own test to determine the products suitability for the intended purpose/application and shall assume all risks and liabilities in connection therewith.