

**CS Hyde Company**  
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**1351 North Milwaukee Avenue**  
**Lake Villa, IL 60046**

## **PRODUCT INFORMATION**

18-S\* Series  
Polyimide (Kapton®)  
film w/ Silicone  
Adhesive

### **KAPTON TAPE**

## **PRODUCT DESCRIPTION**

These products are pressure sensitive tapes using Kapton ® polyimide film coated with "high temperature" silicone adhesive. The polyimide film provides excellent electrical insulation, abrasion resistance and high dielectric strength. Those products designated with an "asterisk" are UL recognized components.

## **APPLICATION INFORMATION**

These tapes are used primarily in electrical applications such as capacitor wrapping, gold finger masking, insulation in transformers, coils, flat cables and connectors and high temperature harness wrapping.

## **TECHNICAL DATA**

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>DATA</b>
Backing Material		Kapton Film
Backing Thickness		.001
Adhesive System		Silicone
Adhesive Thickness (in.)		.0015
Adhesion (oz/in.)	ASTM-D- 1000	25
Tensile Strength (lb/in)	ASTM-D 3759	30
Elongation (%)	ASTM-D 3759	40
Dielectric Strength (Volts)	ASTM-D 149	8000
Max. Operating Temp. (F)		500
U.L. Approval	510	Approved

## **AVAILABILITY**

Core I.D.	3"
Roll Length	36yds
Flurosilicone Release liner	Per Request

Note: The above are "typical values" which have a nominal range about them and are not intended for specification purposes. Kapton® is a registered trademark of DuPont.