

# Polyimide High Temperature Film

## PPF Series

### RoHS & REACH Compliant

Polyimide High Temperature Film is made of 1 mil thick polyimide material. They are reliable and durable with a unique combination of electrical, thermal, chemical, and mechanical properties that withstand extreme temperatures, vibration, and other demanding environments. They are packaged on a 3" core and are 100 ft long.

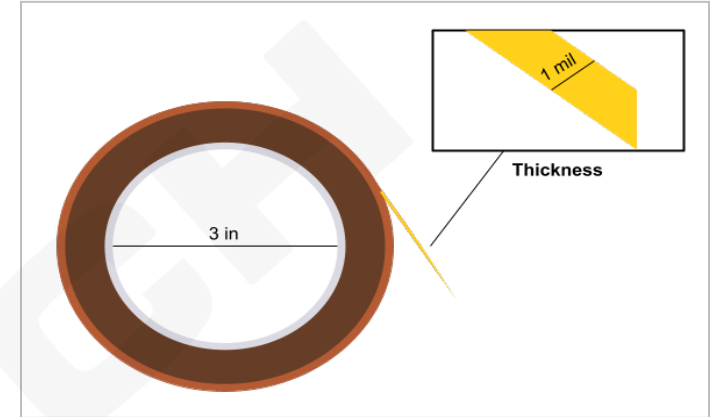
## Applications

- Capacitor, coil and transformer insulation
- Substrates for PCB and Motor slot liners
- Cable and wire assembly.

## Product Specifications <sup>(1)</sup>

Color	Amber	
Total Thickness	1 Mil	
Tensile Strength	24,000 psi	ASTM D-882-91
Elongation at Rupture	40 %	ASTM D-882-91
Breakdown Strength	6000 volts/ mil	ASTM D-149-91
Surface Resistivity	$1.0 \times 10^{13}$ ohm	
Volume Resistivity	$1.0 \times 10^{15}$ Ohm.cm	ASTM D-257-91
Operating Temperature	-269°C (-452°F) to 400°C (752°F)	
Dielectric Constant (1khz)	3 – 4	ASTM D-150-92
Dissipation Factor (1khz)	$4.0 \times 10^{-3}$	ASTM D-150-92
Core	3 in. Plastic Core	

<sup>(1)</sup> Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.



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PRODUCT DATA SHEET