

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.

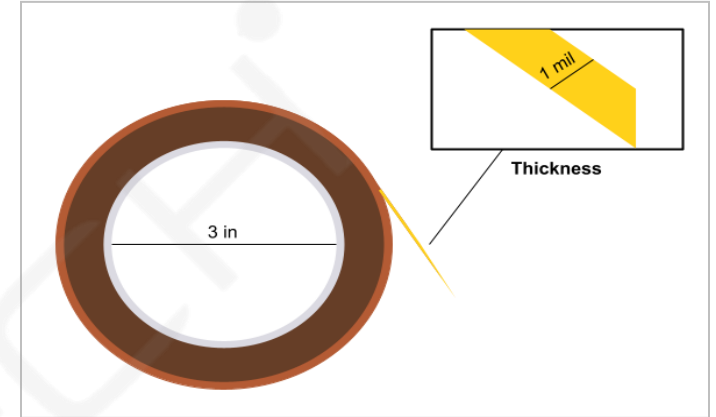
Applications

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

Product Specifications ⁽¹⁾

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	1.0×10^{13} ohm	
Volume Resistivity	1.0×10^{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)	4.0×10^{-3}	ASTM D-150-92
Core	3 in. Plastic Core	

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



Bertech® makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its this product for any particular purpose, nor does Bertech® assume any liability whatsoever arising out of the application or use of this product. It is ultimately the responsibility of the customer to determine a product's suitability for a particular application.



Bertech
640 Maple Ave
Torrance, CA 90503
Phone: (310) 787-0337
Email: sales@bertech.com
www.bertech.com

PRODUCT DATA SHEET