

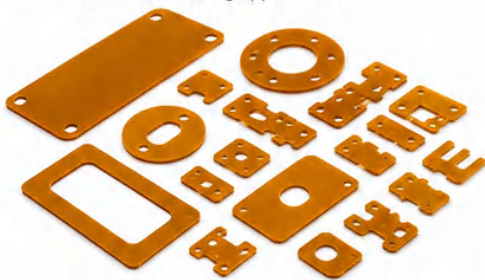


CUSTOM DIE CUT PI INSULATION PAD

HIGH PERFORMANCE POLYIMIDE INSULATION SOLUTIONS

1. PRODUCT OVERVIEW

Custom Die Cut PI Insulation Pad is made from high-quality polyimide (PI) film, precision die-cut to customer drawings and specifications. It offers excellent thermal stability, electrical insulation, mechanical strength and chemical resistance for demanding applications.



4. STANDARD SPECIFICATIONS

Material	Polyimide (PI)
Color	Amber (Transparent)
Thickness Options	0.025 / 0.05 / 0.075 / 0.10 / 0.125 / 0.18 / 0.20 / 0.25 / 0.30 mm (Custom)
Thickness Tolerance	±0.005 mm (≤0.05mm) ±0.01 mm (0.05~0.125mm) ±0.015 mm (0.125~0.25mm) ±0.02 mm (≥0.25mm)
Die Cutting Tolerance	±0.05 mm (Standard) ±0.02 mm (High Precision)
Hole Diameter	Min. Ø 0.3 mm (Standard) Min. Ø 0.1 mm (Micro Hole)
Sheet Size	Max. 510 × 610 mm (Custom)
Operating Temperature	-269°C ~ 260°C (Long-term) Up to 300°C (Short-term)
Flammability	UL94 V-0
RoHS / Reach	Compliant

7. AVAILABLE PROCESS



Die Cutting



Laser Cutting



CNC Cutting

8. APPLICATIONS



Lithium Battery



PCB / FPC



Transformer



Motor



Semiconductor

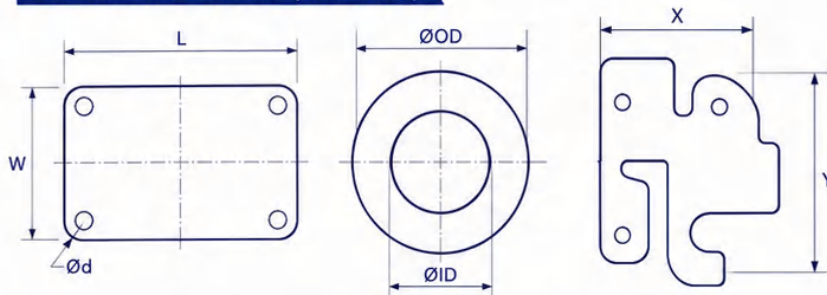
2. MATERIAL STRUCTURE



Polyimide (PI) Film
High temperature resistant polyimide film

Surface (Optional)
Single-side or double-side treatment available

3. DIMENSIONAL DRAWING (REFERENCE)



Note: All shapes, holes, slots and cutouts can be customized as per drawings.
Dimensions are for reference only.

5. TYPICAL CUSTOM SHAPES



Rectangle



Ring / Washer



Rounded



Complex Shape



Custom Cutout

6. ORDER INFORMATION (EXAMPLE)

Parameter	Example
Material	PI (Polyimide)
Thickness	0.10 mm
Shape	Custom (As drawing)
Dimensions	L50.0 × W30.0 mm
Hole Diameter	Ø 3.0 mm
Tolerance	±0.05 mm
Quantity	10,000 pcs
Surface	Single Side (or Double Side)
Adhesive (Optional)	No / Silicon Adhesive / Acrylic Adhesive