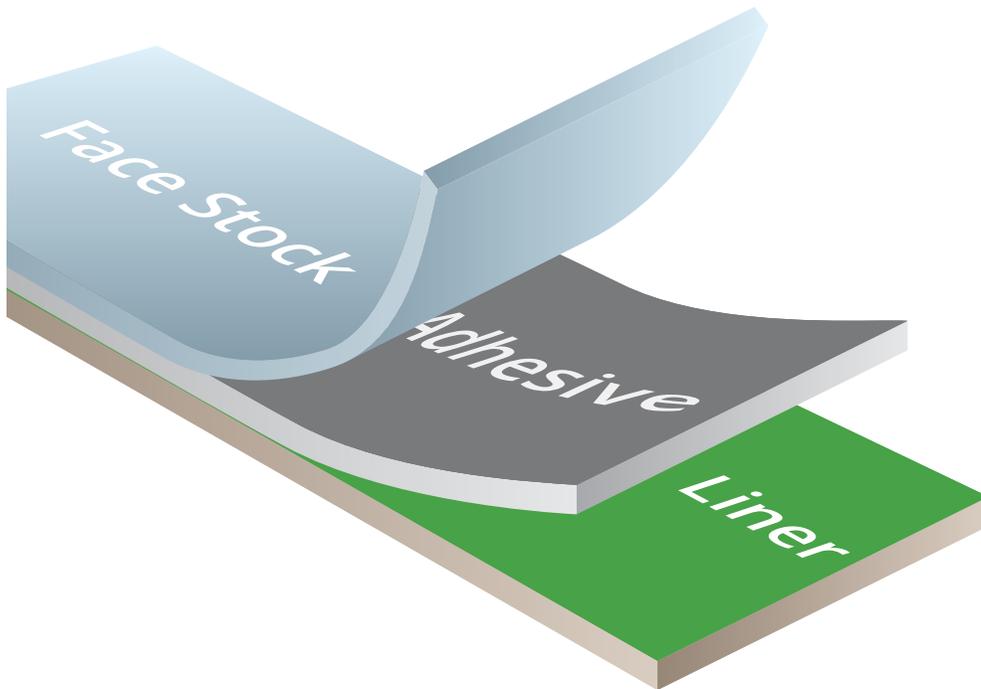


# PT205HD



**Labels for Life.**



**Face Stock:** 5.0 mil polyimide masking tape offers excellent resistance to heat and chemicals. Specifically designed to protect the surface it is placed on. Ideal for marking gold contacts and other sensitive areas on printed circuit boards.

**Adhesive:** 1.5 mil heavy duty removable silicone adhesive offers resistance to heat and chemicals. It is designed to be cleanly removed from the surface that it is applied to after the manufacturing process.

**Liner:** 2.0 mil clear polyester liner designed to offer excellent performance for automatic application.

## 5 Mil Polyimide Masking Tape

PT205HD is designed to be a high temperature resistant polyimide masking tape. Key features include: indoor only applications, protects circuit board surface, clean removable adhesive and excellent heat and chemical resistance. The material will meet the most demanding durable labeling and die-cutting requirements. The material is designed for use with auto-apply equipment.

## Typical Industry Sectors

Automotive  
Electronics  
Industrial

# PT205HD

## 5 Mil Polyimide Masking Tape



Labels for Life.



### Agency Recognitions

100% RoHS Compliant



### Adhesion

Steel 20-30 oz./in.



### Material Caliper

Face Stock	.0050"	127.0 $\mu$	Liner (polyester)	.0020"	50.8 $\mu$
Adhesive	.0015"	38.1 $\mu$	Total Material	.0085"	215.9 $\mu$



### Exterior Durability

Recommended: Indoor use only.



### Temperature Range

Service Temperature: Up to 500 °F (260 °C)  
Minimum Application Temperature: 50 °F (10 °C)



### Shelf Life

Recommended Storage conditions : 40°F (5°C) - 80°F (26°C) and 40-70% RH.  
Shelf Life: 2 years @ recommended storage



### Recommended Printing

Not printable.



### Chemical Resistance

Testing can be completed upon request.



### Process Durability

Dielectric Strength	22,000 volts	Tear Out Force MD/TD (liner)	157/196 +/- 20% N/mm <sup>2</sup>
Tear Out Force (tape)	120-170 N/10mm	Elongation (tape)	65%

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 10/5/23

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