



## ELECTRONICS Heat Resistant Labelstock



### Roll Label

PSA-coated papers and films in roll-to-roll form. Extensive product options, available customization, varying roll lengths and widths, and customer friendly services, like our Mactac Precise<sup>SM</sup> Program, which offers a precise amount of material needed for small runs and limited applications.

[www.mactac.com/rolllabe](http://www.mactac.com/rolllabe)

### *Polyimide Labelstocks for Temperatures up to 572°F*

*Broader option in high heat related application with aluminum foil face for long term heat exposure and silicone adhesive for high heat removability*

# ELECTRONICS

## Heat Resistant Labelstock

### Features

- Designed to withstand extreme heat, solder, fluxes, solvents and chemicals used in circuit board assembly
- Heat resistant topcoat enables excellent ink and barcode printability
- Resistant to abrasion and ribbon smudging
- Automatic application possible with 2 mil option

### Potential Applications

- Barcode labels for circuit boards, electronics, automotive components, and appliances

### Accelerated Heat Test

Application Surface	Temp/Time	Product Number		
		LTCHR5220-50	LTCHR5252-25	LTCHR3250-25
Glass-Epoxy	347°F - 5 hr	✓	✓	✓
	392°F - 1 hr	✓	✓	✓
	446°F - 5 min	✓	✓	X
	500°F - 5 min	✓	X	■
Stainless Steel	572°F - 10 min	✓	■	■

Evaluation: ✓ no change observed, X slight bubble and shrinkage observed on surface of the label ■ considerable bubble and shrinkage observed

Apply the label to the substrate, and heat accelerated as above temperature, check the appearance.

The above data does not constitute a guarantee or warranty of product performance. As performance may vary according to practices, conditions, sufficient prior testing is strongly recommended

Part Number	Facestock	Adhesive	Release Liner	Max Temp
LTCHR5220-50	2.4 mil White Topcoated Polyimide	Heat Resistant	2.0 mil Clear Polyester	572°F
LTCHR5252-25	1.4 mil White Topcoated Polyimide	Heat Resistant	65# Blue Glassine Paper	500°F
LTCHR3250-25	1.6 mil White Topcoated Polyetherimide	Heat Resistant	65# Blue Glassine Paper	446°F

### Other High Heat Options

Part Number	Facestock	Adhesive	Release Liner	Feature
LTCAL30WH	1.2 mil White Coated Aluminum	PAT1H	50# White Glassine	Long term heat exposure
LTCRE503S	2.0 mil White Semi Gloss Polyester	REPOP	75# White PCK	High heat removable
LTC01897	2.0 mil White Semi Gloss Polyester	P3090	1.5mil Polyester	High heat removable

For more information on Mactac's Heat Resistant Labelstock or other high-quality products available from Mactac®, call 800-548-3456, e-mail [Mactac.Americas@mactac.com](mailto:Mactac.Americas@mactac.com) or visit [mactac.com/rolllabel](http://mactac.com/rolllabel).

