



LGI 高温标签，我们为您抵挡高温！ LGI high temperature labels, we take the heat for you!

高温标签

电路板或电气元件的运行条件具有很大的差异，这主要取决于制造过程所处的阶段以及所采用的制造方法。

LGI的高温标签生产线能

够在生产过程的恶劣环境中可靠跟踪电气组件，并易于为成品贴标签。

各个制造阶段的解决方案

LGI提供了一系列的高温标签和色带以满足各种不同的要求，

例如耐热、耐化学性、可印刷性、防静电和力学强度等。依据客户

提供的技术规范，LGI将与您紧密配合以

提供最为经济的解决方案来

满足您期望的性能要求。

High Temperature Labels

The conditions encountered by a circuit board or electrical component vary considerably depending on the stage of the manufacturing process and the methodologies employed. LGInternational's line of high temperature labels facilitates reliable tracking of electrical components throughout the harsh environment of the production process as well as the labeling of finished products.

Tailored to your specifications

Labeling products are available blank or preprinted and can be ordered in a variety of standard sizes or customized to your requirements. Adhesives can be supplied in a number of peel strengths, from non-residue ultra-removable to permanent, exceeding the demanding needs of your critical environment.

产品供应

- 高温聚酰亚胺 (Kapton®) 与聚酰亚胺 (Kapton®) 选择性材料。
- 高温树脂色带
- 网络即时高温标签存货管理

Product Offerings

- High temperature Kapton® and Kapton® alternative materials
- High temperature resin ribbons
- Standard sizes of high temperature labels available online

对日益增长的需求的反应

由于标签上印有有关库存、生产工艺控制及客户技术规格等方面的有价值信息，标签逐渐成为电路板及电子设备的重要组成部分。为适应在制造工艺的环境规定，LGI与供应商紧密合作以开发标签解决方案来满足日益变化的热转移、环境和管理要求。

可靠的条码解决方案

LGI提供了一系列的粘合剂与材料，即使是在恶劣的环境下，它们都能够将标签和印刷内容紧紧地粘结在一起并保护标签的完整性。通过将适合标签和打印色带与您生产的要求进行配对，LGI在应对普遍性难题如脱色、卷边、脱落等方面具有优势，并能够提供最为经济的选择方案。

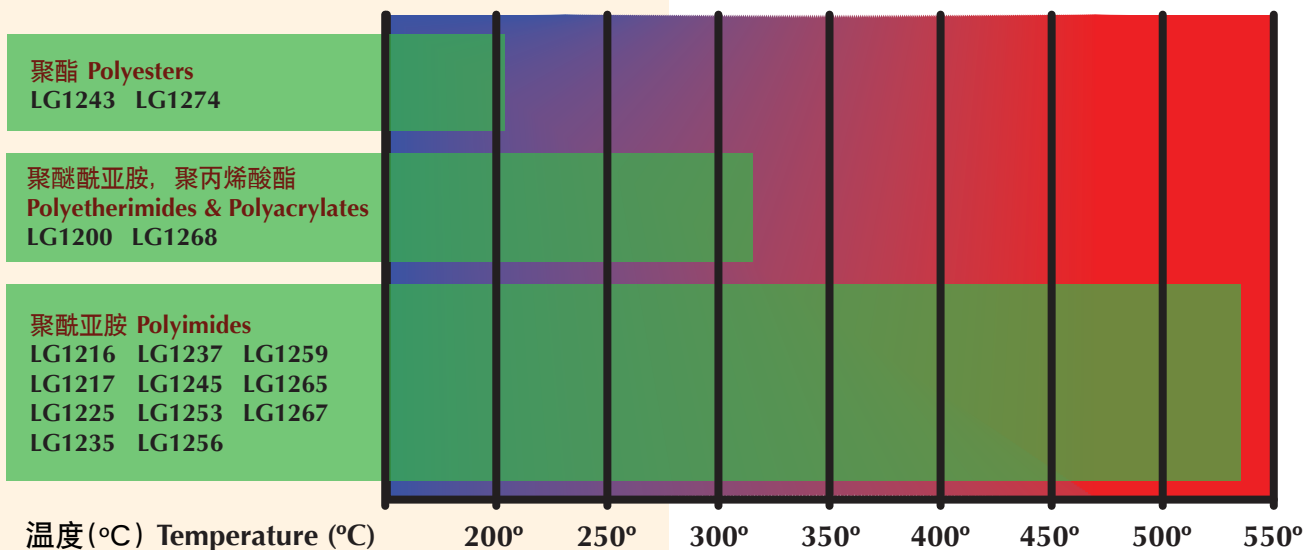
Response to increasing demands

Since the label carries information that is valuable to inventory, process control, and customer specifications, it has increasingly become an important component of circuit boards and electronics manufacturing. In response to the impact of environmental regulations on the manufacturing process, LGI has collaborated closely with its suppliers to develop labeling solutions that meet the changing thermal, environmental, and regulatory demands.

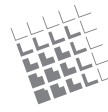
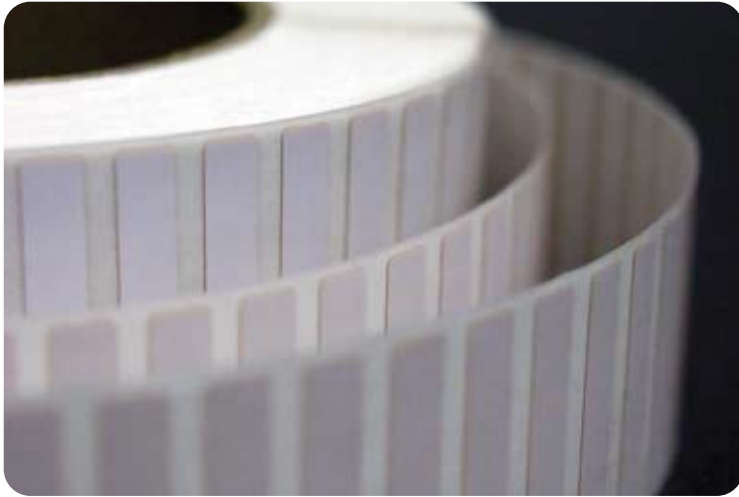
Reliable barcoding solutions

LGI International offers a range of adhesives and materials which reliably adhere and preserve the integrity of the label and its printed content in spite of harsh environments. By pairing the proper label and printer ribbon with the requirements of your process, LGI preempts common challenges, such as discoloring, curling, and falling off, while delivering the most economical options.

LGI材料的耐温区间 Temperature Range of LGI Materials



高温产品 High Temperature Products



雷基亚科技(无锡)有限公司
推进标签技术的进步

耐用
可靠
用户化

产品特点

- 优越的印墨粘附力，能够使条形码与打印信息的最为清晰，便于阅读。
- 能够承受538° C/1000° F的极端温度（工作温度：315° C/599° F）。
- 优越的耐化学性。
- 提供改变粘合剂的粘附力、热转移和环境要求的选择方案。
- 符合UL及CSA要求的选择方案。
- 符合RoHS要求。
- 符合ESD的选择方案。

Product Highlights

- Excellent ink adhesion to maximize readability of barcodes & variable information
- Withstand extreme temperatures up to 538°C/1000°F (315°C/599°F constant working temperature)
- Excellent chemical resistance
- Options for varying adhesion, thermal & environmental requirements
- UL and CSA compliant options
- RoHS compliant
- ESD options

用途

- 为暴露在高温下的元件贴上标签
- 在印刷电路板的热循环与焊接循环期间，为其顶部或底部贴上标签
- 为成品贴上标签。
- 在制造和组装电气原件时，进行条码跟踪。

Useful Applications

- Labeling of components exposed to high temperatures
- Labeling for top or bottom of printed circuit boards during thermal and soldering cycles
- Finished product labeling
- Barcode tracking throughout manufacturing and assembly of electrical components

高温产品 High Temperature Products



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推进标签技术的进步

LGI 高温标签技术规范 Specifications for LGI's High Temperature Label Products

LGI 产品序号 Product Number	基底 Substrate		粘合剂 Adhesive			用途 Application	胶带 Ribbons			加工 Processing				
	厚度 Thickness (MM)	材料 Material	厚度 Thickness (MM)	持久性 Permanent	可拆除 Removable		LGI-450 ESD	LGI-460	LGI-470	直孔底部 Through-Hole Bottom Side	直孔顶部 Through-Hole Top Side	无铅处理 Lead Free Processing	SMT顶部或底部 SMT Top or Bottom Side	后处理 After Process
LG-1243 - 亮光白色 Gloss White	.0508	PET	.0254	●		-40° to 204°C (-40° to 400°F)	●	●	○	○	●			●
LG-1274 - 亮光白色 Gloss White	.0508	PET	.0254		●	-40° to 204°C (-40° to 400°F)	●	●	○	○	●			●
LG-1259 - 哑光茶色 Matte Tan	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)		○	●	○	●	●	●	●
LG-1245 - 亮光黄色 Gloss Yellow	.0508	PM	.0584	●		-40° to 537°C (-40° to 1000°F)		●	○	○	●	●	●	●
LG-1253 - 亮光白色 Gloss White	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1268 - 亮光白色 Gloss White	.0508	PEI	.0508	●		-40° to 315°C (-40° to 600°F)		●	○	◐	●			●
LG-1256 - 哑光白色 Matte White	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)		○	●	○	●	●	●	●
LG-1216 - 半光泽 Semi White	.0508	PM	.0254		●	-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1225 - 半光泽 Semi White	.0254	PM	.0254	●		-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1217 - 半光泽 Semi White	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1235 - 哑光白色 Matte White	.0254	PM	.0254	●		-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1237 - 哑光白色 Matte White	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)		●	○	◐	●	●	●	●
LG-1265 - 亮光白色 Gloss White	.0508	PM	.0254	●		-40° to 537°C (-40° to 1000°F)	●	●	○	◐	●	●	●	●
LG-1267 - 亮光白色 Gloss White	.0508	PM	.0508	●		-40° to 537°C (-40° to 1000°F)	●	●	○	◐	●	●	●	●
LG-1200 - 哑光白色 Matte White	.0508	PA	.0254	●		-40° to 300°C (-40° to 600°F)		○	◐	●	●			●

PET - 聚酯 Polyester PM - 聚酰亚胺 Polyimide (Kapton®) PEI - 聚醚酰亚胺 Polyetherimide (Ultem®) PA - 聚丙烯酸酯 Polyacrylate
 ● 匹配材料的最好色带 Best ribbon for material ◐ 替代色带 Alternate ribbon ○ 不兼容 Not compatible

LGI 耐高温胶带 LGI's High Temperature Ribbons

LGI-450	黑色超耐磨树脂色带。宽度与长度为完全可定制。Black - Ultra durable premium resin thermal transfer ribbon. Width and length are customizable.
LGI-460	黑色一般用途, 蜡/树脂色带。宽度与长度为完全可定制。Black - General use wax/resin thermal transfer ribbon. Width and length are customizable.
LGI-470	黑色高级色树脂色带。宽度与长度为完全可定制。Black - Premium resin thermal transfer ribbon. Width and length are customizable.

LGI的耐高温色带专为印刷电路板而设计, 与LGI热转移打印机以及其它制造商生产的设备一起使用。有关兼容性方面的信息, 请联系我们。

LGI's high temperature ribbons are specially designed for the printed circuit board industry and are suitable for use with LGI's thermal transfer printers as well as other manufacturers. Contact us for compatibility.