






# Master Material Index

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## Master Material Index (Continued)

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	RoHS compliant material
	UL approved material*
	Materials evaluated to Canadian safety requirements
	CSA approved materials*
	Materials have static dissipative adhesives

Refer to page 235 for more information and complete listing of approved materials.

B-Number	Material	Finish	Color	Temperature Range	Performance Attributes	Properties & Applications	
B-412	Tag Material	Matte	White	-40°F to 212°F (-40°C to 100°C)		Highly durable labels designed for thermal transfer printing in outdoor and harsh environmental applications. Ideal for wire and cable identification or product inventory identification, where legibility and tensile strength are needed.	RoHS
 B-413	Polyester	Metallic	Silver	-94°F to 248°F (-70°C to 120°C)	  	Excellent PCB and component identification. Non-metallized metallic looking label.	  RoHS
 B-422	Polyester	Gloss	White	-40°F to 212°F (-40°C to 100°C)	    	Gloss white film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. Electronic PCB and component; bar code label and rating plates. 2 mil adhesive, recommended for application on textured surfaces.	  RoHS
 B-423	Polyester	Gloss	White	-94°F to 248°F (-70°C to 120°C)	    	Thermal transfer-printable with a permanent acrylic adhesive. Electronic PCB and component; barcode label and rating plates.	  RoHS
B-424	Paper	Matte	White	-40°F to 122°F (-40°C to 50°C)		Top-coated, thermal transfer-printable with a permanent latex adhesive. Designed for use in labeling applications requiring a low-cost, general-purpose labeling material.	RoHS
 B-425	Polypropylene	Matte	White	-94°F to 212°F (-70°C to 100°C)	   	Excellent solvent resistance and print performance.	   RoHS
 B-426	Polyimide	Matte	Amber	-94°F to 518°F (-70°C to 270°C) 5 min at 536°F (280°C) 80 sec at 626°F (350°C)	    	Polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.	RoHS
B-427†	Vinyl	Matte	Clear/White	-40°F to 158°F (-40°C to 70°C)	 	Permanent acrylic adhesive and a topcoat specifically formulated for thermal transfer printing. Excellent water, oil and solvent resistance with clarity and conformability. Self-laminating wire and cable identification.	 RoHS
 B-428	Metallized Polyester	Matte	Silver	-40°F to 293°F (-40°C to 145°C)	    	Metallized polyester with a permanent acrylic adhesive. Thermal transfer printable. Designed for rating or serial plates, product information, warranty labels and inventory control labels.	  RoHS
 B-430	Polyester	Gloss	Clear	-40°F to 212°F (-40°C to 100°C)	    	Thermal transfer-printable polyester with permanent acrylic-based adhesive. Designed for rating and serial plates using alphanumerics, bar codes, graphic symbols, and logos that require name plate quality. Withstands numerous solvents and can be applied to variable surfaces	  RoHS
 B-432	Polyester	Gloss	Clear	-40°F to 212°F (-40°C to 100°C)	    	Gloss clear thermal transfer-printable film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. 2 mil adhesive recommended for application on textured surfaces. UL recognized/CSA approved for rating plate applications.	  RoHS
 B-434	Metallized Polyester	Gloss	Silver	-40°F to 194°F (-40°C to 90°C)	    	Glossy metallized polyester with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. 2 mil adhesive recommended for application on textured surfaces. UL recognized/CSA approved for rating plate applications.	  RoHS
 B-435	Metallized Polyester	Gloss	Silver	-40°F to 194°F (-40°C to 90°C)	    	High-performance material designed for thermal transfer printing. Withstands numerous solvents while maintaining excellent image quality. Ideal for rating plate applications and general purpose labeling.	  RoHS
 B-436	Polyimide	Matte	Amber	-40°F to 293°F (-40°C to 145°C) 2 hrs at 500°F (260°C) 5 mins at 518°F (270°C)	    	Polyimide film with a removable silicone pressure sensitive adhesive designed to remove completely after high-temperature exposure. Can be used for top- or bottom-side component or board identification. Withstands extremely high temperatures.	RoHS