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Marking and Labeling System Materials - Component**

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**METALPHOTO, DIV OF HORIZONS INCORPORATED**

MH17767

18531 S MILES RD  
CLEVELAND, OH 44128 USA

**Face stocks with pressure-sensitive laminating adhesives:**

Model No.	Application Surface	Max Temp (°C)	Min Temp (°C)	Indoor Use	Outdoor Use	Additional Conditions
<b>Metalphoto, Fotofoil M (a)</b>						
	None investigated	150	-40	X	X	O, G

G - Occasional exposure to Gasoline splashing.

O - Occasional exposure to Lubricating Oil.

(a) - Requires further investigation for application surfaces and adhesive

Marking: Company name and model designation.

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The materials covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

**USE**

This category covers materials intended for use by label printers (converters) in fabricating finished printed adhesive-attached labels intended to provide warnings, instructions and other information subject to permanence of marking requirements. Printed labels employing these materials require examination of printing and other features not evaluated in the investigation of the materials alone.

**CONDITIONS OF ACCEPTABILITY**

Unless specified otherwise in the individual Recognitions, consideration is to be given to the following Conditions of Acceptability when these components are employed in the end-use equipment:

1. These materials are intended for use indoors, where exposure to high humidity or only occasional exposure to water can be expected. Materials suitable only for indoor dry location use or for additional exposure conditions, such as outdoor use, gasoline splashing, etc., are identified in the individual Recognitions. Materials for which no minimum temperature rating is indicated are considered suitable for use in ambient temperatures down to 0°C (32°F).
2. These materials are suitable for application to smooth, flat surfaces subjected to the temperatures and conditions indicated. Painted surfaces are on metal substrates. Materials indicated as suitable for application to alkyd paint are also considered suitable for application to alkyd paint modified with an amine resin. Materials indicated as suitable for application to a generic plastic are also considered suitable for application to filled or reinforced plastic of the same generic type. Labels suitable for application to two or more plastic or painted surfaces are considered suitable for blends of those plastics or paints, with Conditions of Acceptability common to the individual components in the blend. Label materials indicated as suitable for use on a metal surface, such as aluminum, are considered suitable for application to alloys of that metal, such as aluminum/magnesium alloys. Label materials indicated as suitable for use on a textured surface may be subject to further investigation to determine suitability for use on a particular textured end-product surface.
3. Materials found suitable for additional printing by the user are identified in the individual Recognitions. Only unprinted (blank) areas of the label are suitable for additional printing. The materials have not been investigated for additional printing using hand implements, such as pen or pencil.
4. The materials have not been investigated for nontransferability or for electrical or flammability properties.
5. The label materials are intended to be applied with sufficient pressure to provide uniform and complete contact with the surface. Heat-activated adhesives shall be activated in accordance with the supplier's instructions regarding temperature, pressure and dwell time. Solvent-activated adhesives shall be activated in accordance with the procedure and solvent recommended by the supplier.

Additional Conditions of Acceptability may be found in the Recognition Report available from the manufacturer.

**REQUIREMENTS**

The basic standard used to investigate products in this category is [ANSI/UL 969](#), "Marking and Labeling Systems."

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#### USE

This category covers finished printed adhesive-attached labels suitable for the surfaces and use conditions indicated in the individual Recognitions. The labels are intended to provide warnings, instructions and other information subject to permanence of marking requirements.

#### CONDITIONS OF ACCEPTABILITY

Unless specified otherwise in the individual Recognitions, consideration is to be given to the following Conditions of Acceptability when these components are employed in the end-use equipment:

1. These materials are intended for use indoors, where exposure to high humidity or only occasional exposure to water can be expected. Materials suitable only for indoor dry location use or for additional exposure conditions, such as outdoor use, gasoline splashing, etc., are identified in the individual Recognitions. Labels for which no minimum temperature rating is indicated are considered suitable for use in ambient temperatures down to 0°C (32°F).
2. The labels are suitable for application to smooth, flat surfaces subjected to the temperatures and conditions indicated. Painted surfaces are on metal substrates. Labels indicated as suitable for application to alkyd paint are also considered suitable for application to alkyd paint modified with an amine resin. Labels indicated as suitable for application to a generic plastic surface are also considered suitable for application to filled or reinforced plastic of the same generic type. Labels suitable for application to two or more plastic or painted surfaces are considered suitable for blends of those plastics or paints, with Conditions of Acceptability common to the individual components in the blend. Labels indicated as suitable for use on a metal surface, such as aluminum, are considered suitable for application to alloys of that metal, such as aluminum/magnesium alloys. Labels indicated as suitable for use on a textured surface may be subject to further investigation to determine suitability for use on a particular textured end-product surface.
3. The labels have not been investigated for additional printing using hand implements, such as pen or pencil.
4. The labels have not been investigated for nontransferability or for electrical or flammability properties.
5. Labels that have additionally been investigated for use on specific end products are so indicated in the individual Recognitions.
6. The labels are intended to be applied with sufficient pressure to provide uniform and complete contact with the surface. Heat-activated adhesives shall be activated in accordance with the supplier's instructions regarding temperature, pressure and dwell time. Solvent-activated adhesives shall be activated in accordance with the procedure and solvent recommended by the supplier.

Additional Conditions of Acceptability may be included in the Report available from the manufacturer.

#### REQUIREMENTS

The basic standard used to investigate products in this category is [ANSI/UL 969](#), "Marking and Labeling Systems."

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# Marking and Labeling Systems

## UL 969

### 1 Scope

1.1 These requirements cover adhesive attached labels for use as nameplates or markers; bearing information, instructions, or identification. An adhesive for a label may be pressure sensitive, heat activated, or solvent activated. These labels are intended to be used by manufacturers for application to their products at their place of manufacture.

1.2 These requirements also cover unprinted materials, such as face stocks, label stocks, overlaminations, laminating adhesives, and inks used by label printers to produce labels.

1.3 These requirements apply to marking and labeling systems used on complete devices, appliances, or equipment. The acceptability of a system in a particular application is to be judged under the applicable requirements in the standard covering the device, appliance, or equipment on which the system is used.

1.4 Marking and labeling systems are evaluated for application to specific surface materials that are essentially smooth and flat unless another surface configuration is specified by the manufacturer.

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UL 969 does not reference any other UL Standards.

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