



Acceptance Record

CUSTOMER	CLASS	FILE
Horizons Inc. Metalphoto Div. 18531 South Miles Rd., Cleveland OH 44128 USA	7923-01 ADHESIVE-TYPE LABELS - Printing Systems-	111331_L_000
	Refer to Class Description for program details	

- - - TYPE A - Heavy Duty

SYSTEM METALPHOTO

- Pressure-sensitive "467MP"**, "468MP"**, "9471LE"** and "9472LE"**
ANODIZED ALUMINUM, 5 mil to 125 mil with integrated photographic printing with metalphoto R process equipment.
USE: Indoor and outdoor on metal (max temp 150C), plastic Group I (max temp 100C) and plastic Groups II, III, IV ("9471LE" and "9472LE"), V, VI, VII and VIII (max temp 80C).

SYSTEM ID-MARK

- Pressure-sensitive "467MP"**, "468MP"**, "9471LE"** and "9472LE"**
COLOURED ANODIZED ALUMINUM, 5 mil to 125 mil with surface photographic (except red for labels without lamination) printing with Metalphoto R process equipment with or without clear polyester lamination overall.
USE: Indoor and outdoor on metal (max temp 150C), plastic Group I (max temp 100C) and plastic Groups I, II, III, IV ("9471LE" and "9472LE" only), V, VI, VII and VIII (max temp 80C).



Class Description

CLASS NUMBER: 7923-01 **DESCRIPTION:** ADHESIVE-TYPE LABELS - Printing Systems-

COVERAGE:

Systems covered under this classification are considered "Listed" for label Printing Systems. The Printing System specifies the stock material, ribbon and type of printers (eg. dot matrix, thermal, etc.) used in the printing of labels and nameplates. The Printing Systems have demonstrated compliance with the requirements of CSA Standard C22.2 No 0.15, Adhesive Labels.

(NOTE: The terms "label" and "nameplate" may be used interchangeably.)

Printing Systems are acceptable for the types of surfaces and the conditions of use specified, providing that they are applied in accordance with the manufacturer's instructions.

Type A: A permanent label that may be peeled off intact except that the label may tend to break upon peeling after exposure to certain environmental conditions.

Type B: A permanent label that will break up if an attempt is made to remove the label.

Type C: A permanent label that incorporates a tamper-indicating feature.

The Application Surface Groupings for which acceptance may be obtained for are as follows:

1. Metals: Bare, plated, or enameled steel; bare, anodized, or enameled aluminum
2. Electrostatic coated Metals:
 - (a) Polyester Powder Coat Paint
 - (b) Acrylic Powder Coat Paint
 - (c) Epoxy Powder Coat Paint
 - (d) Polyurethane Powder Coat Paint
3. Plastics

Group I - Phenolics (PH), Melamines (MF,M/P); Urea-Formaldehydes (UF);

Group II - Polyphenylene oxides (PPHOX), Polyphenylene Sulphides (PPS);

Group III - Polycarbonates (PC), Acetates (CA, CAB), Acrylics (PMMA);

Group IV - Polypropylenes (PP), Polyethylenes (PE), Polybutylenes (PB);

Group V - Polyamides (PA), Polyimides (PI);

Group VI - Polystyrenes (PS), Acrylonitrile-Butadiene-Styrenes (ABS), Styrene-Acrylonitriles (SAN);

Group VII - Rigid and Plasticized Vinyls (PVC);

Group VIII - Glass-filled Polyesters (GRP); Glass-filled Epoxies (GREP), Polyethylene Terephthalates (PET), Polybutylene Terephthalates (PBT);

The Printing Systems have been the subject of an investigation to determine their general suitability, but this does not constitute a certification, since the final acceptance of a printing system is determined only on converted label construction and the final application to an end product.

REQUIREMENTS:

Test program for Investigation of Printing Systems.

NOTES:

1. Adhesives protected by treated paper backings, that can be peeled off, are identified on the listing cards by 2 asterisks (**).
2. Where the thickness or thickness range of the material is specified, the total thickness includes the adhesive and base material. It does not include the protective backing (or covering) on the adhesive.
3. Labels thicker than 0.05 mm (0.002 in) when being applied to curved surfaces may have to be pre-formed to fit the curvature before the adhesive is activated. The label manufacturer should be consulted in such cases.

MARKING:

Suppliers of the printing systems are required to mark each component package of the printing system with the supplier's name and product identification. The CSA file number may appear on each component package.

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