

D E S C R I P T I O N

PRODUCT COVERED:

Pressure-sensitive System MSI5200 printed or unprinted label stock for producing finished printed labels with the following printer/ink combinations:

1. Advent "AD-501"; Armor "AXR-7+"; Astro-Med "RD", "RF", "R5"; Atech Systems "HS-3"; ICS "2000", "2099", "CC-4099"; Iimak "SH-36", "SP-330"; Intermec "054048-4", "053258-3", "E05733", "E05734", "E05735", "E05736", "E05737", "E05738", "E05739", "E05740", "E07530", "E07531", "E05732", "E07533", "E07534", "E07535", "E07536"; Japan Pulp and Paper "JP Resin 1"; Japan Pulp and Paper GmbH "Sigma P"; NCR "Promark" and "Matrix"; Regma "51053"; Ricoh "B110-C"; RJS "Thermax Q"; Sato "Premier 1"; Sony "4070", "4072", "4075"; United Barcode Industries "UBI HR03", "UBI HR04"; Zebra "5175", "5095", "5100" thermal transfer ink with thermal transfer printing equipment.

2. Kurz "K-300" black, "K-500" black, "K-501" black, "990848 5.7" red, "K-550" red, "990846 5.7" blue, "K-550" green, "K-550" brown, "K-550" white, "K-550" yellow, "990854 A1 5.7" silver thermal transfer inks with thermal transfer printing equipment.

The product consists of printed or unprinted polyester label stock coated on the back side with a pressure-sensitive adhesive protected by a release liner and thermal transfer ink. This product is used as printed labels bearing information, instructions or identification.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only for labels which are not required to be nontransferable when removal is attempted and on products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - See Tables I and II.

MARKING:

Company name and UL Recognized Component Mark and product designation on packages of stock and ink.

TABLE I

For Indoor Use (+) on Surfaces as Indicated

Surface	Maximum Temperature, °C (°F)	Additional Exposures
Polypropylene	80 (176)	O

TABLE II

For Indoor and Outdoor Use (+) on Surfaces as Indicated

Surface	Maximum Temperature, °C (°F)	Minimum Temperature, °C (°F)	Additional Exposure
Aluminum	150 (302)	-40 (-40)	O
Galvanized Steel	150 (302)	-40 (-40)	O
Acrylic Paint	150 (302)	-40 (-40)	O
Alkyd Enamel	150 (302)	-40 (-40)	O
Stainless Steel	150 (302)	-29 (-20)	O
Polyester Paint	150 (302)	-29 (-20)	O
Porcelain	150 (302)	-29 (-20)	O
Nylon	100 (212)	-29 (-20)	O
Melamine	100 (212)	-29 (-20)	O
Polycarbonate	100 (212)	-29 (-20)	O
Phenolic	100 (212)	-29 (-20)	O
Polystyrene	80 (176)	-29 (-20)	O
ABS Plastic	80 (176)	-40 (-40)	O
Unsaturated (thermoset) Polyester	80 (176)	-40 (-40)	O

- (+) Where exposed to high humidity or occasional exposure to water.
- D Occasional exposure to detergents.
- F1 Occasional exposure to Fuel Oil No. 1.
- F2 Occasional exposure to Fuel Oil No. 2.
- G Occasional exposure to gasoline splashing.
- K Occasional exposure to kerosene.
- O Occasional exposure to lubricating oils.

CONSTRUCTION DETAILS:

General - From top to bottom, the labels consist of printing, label stock, pressure-sensitive adhesive and a release liner.

Printing Process - Thermal transfer.

Face Stock and Adhesive (Label Stock) - (PGJI2) Flexcon
Thermfilm Select 21830

mat #294

Approximate Thickness, Excluding Liner - 0.003 inch.

SD/DPR/aah