

**CSA INTERNATIONAL**  
**FILE NO: 103583 L 000 - CLASS NO: 7921 06 ADHESIVE**  
**TYPE LABELS - WESTERN USA**

**TYPE A • HEAVY DUTY**

**LL-1 • Pressure-Sensitive “300”**

COMPUTER IMPRINTABLE MATTE WHITE POLYESTER, 3.1 mil with UV Letterpress Printing.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-1S • Pressure-Sensitive “300”**

COMPUTER IMPRINTABLE MATTE WHITE POLYESTER, 3.1 mil with UV Screen Process Printing.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-2 • Pressure-Sensitive “300”**

COMPUTER IMPRINTABLE MATTE SILVER POLYESTER, 3.1 mil with UV Letterpress Printing.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-2S • Pressure-Sensitive “300”**

COMPUTER IMPRINTABLE MATTE SILVER POLYESTER, 4.1 mil with UV Screen Process Printing.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-5 • Pressure-Sensitive “300”**

BRIGHT SILVER POLYESTER, 4.5 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-9 • Pressure-Sensitive “300”**

BRIGHT SILVER POLYESTER, 4.5 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-13 • Pressure-Sensitive “300”**

BRIGHT SILVER POLYESTER, 4.5 mil with UV Letterpress Printing and Matte Clear Polycarbonate Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-15 • Pressure-Sensitive “L-156”**

WHITE VINYL, 5 mil with UV Letterpress Printing.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-17 • Pressure-Sensitive “L-156”**

MATTE SILVER POLYESTER, 4.7 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**LL-18 • Pressure-Sensitive “L-156”**

MATTE SILVER POLYESTER, 4.7 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-19 • Pressure-Sensitive “L-156”**

MATTE SILVER POLYESTER, 6.8 mil with UV Letterpress Printing and Matte Clear Polycarbonate Lamination overall.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-21 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 3.1 mil with UV Letterpress Printing.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-21S • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 3.1 mil with UV Screen Process Printing.  
USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-22 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE WHITE POLYESTER, 3.4 mil with UV Letterpress Printing.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-22S • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE WHITE POLYESTER, 3.4 mil with UV Screen Process Printing.  
USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-23 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 3.1 mil with UV Letterpress Printing.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-23S • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 3.1 mil with UV Screen Process Printing.  
USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-24 • Pressure-Sensitive “300”**

T/T IMPRINTABLE GLOSS CLEAR POLYESTER, 2.8 mil with UV Letterpress Printing.  
USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**TYPE A • HEAVY DUTY**

**LL-24S • Pressure-Sensitive “300”**

T/T IMPRINTABLE GLOSS CLEAR POLYESTER, 2.8 mil with UV Screen Process Printing.

USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-25S • Pressure-Sensitive “350”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 3.8 mil with UV Screen Process Printing with or without Subsequent Thermal Transfer Printing - Ribbons -

A) Zebra 5095 and 5100 on all Zebra, Datamax, Sato, Intermec and UBI printers.

B) Sato Premier I on all Zebra, Datamax, Sato, Intermec and UBI printers.

C) Iimac SP-330 on all Zebra, Datamax, Sato, Intermec and UBI printers.

D) Sony TR5070 on all Zebra printers.

E) Mid City Columbia CGL-80HE on all Zebra, Datamax, Sato, Intermec and UBI printers.

USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-26S • Pressure-Sensitive “350”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 3.8 mil with UV Screen Process Printing with or without Subsequent Thermal Transfer Printing - Ribbons -

A) Zebra 5175 on all Zebra printers.

B) Zebra 5095 and 5100 on all Zebra and Datamax printers.

C) Mid City Columbia CGL-80HE on all Zebra, Datamax, Sato, Intermec and UBI printers.

USE: Indoor and Outdoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-27 • Pressure-Sensitive “HP-395”**

GLOSS WHITE POLYESTER, 4.8 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-28 • Pressure-Sensitive “HP-395”**

GLOSS WHITE POLYESTER, 4.8 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-29 • Pressure-Sensitive “HP-395”**

GLOSS WHITE POLYESTER, 4.8 mil with UV Letterpress Printing and Matte Clear Polycarbonate Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-30 • Pressure-Sensitive “300”**

T/T IMPRINTABLE GLOSS CLEAR POLYESTER, 4.5 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**TYPE A • HEAVY DUTY**

**LL-31 • Pressure-Sensitive “300”**

T/T IMPRINTABLE GLOSS CLEAR POLYESTER, 4.5 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-32 • Pressure-Sensitive “300”**

T/T IMPRINTABLE GLOSS CLEAR POLYESTER, 6.6 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-33 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 4.8 mil and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-34 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 4.8 mil and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-35 • Pressure-Sensitive “HP-395”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 6.9 mil and Matte Clear Polycarbonate Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-36 • Pressure-Sensitive “350”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 5.5 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-37 • Pressure-Sensitive “350”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 5.5 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-38 • Pressure-Sensitive “350”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 7.6 mil with UV Letterpress Printing and Matte Clear Polycarbonate Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**TYPE A • HEAVY DUTY**

**LL-39 • Pressure-Sensitive “350”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 5.5 mil with UV Letterpress Printing and Gloss Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-40 • Pressure-Sensitive “350”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 5.5 mil with UV Letterpress Printing and Matte Clear Polyester Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-41 • Pressure-Sensitive “350”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 7.6 mil with UV Letterpress Printing and Matte Clear Polycarbonate Lamination overall.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**TYPE LABELS - WESTERN USA**

**TYPE A • NORMAL USE**

**LL-25 • Pressure-Sensitive “350”**

T/T IMPRINTABLE GLOSS WHITE POLYESTER, 3.8 mil with UV Letterpress Printing with UV Letterpress Printing with or without Subsequent Thermal Transfer Printing - Ribbons -

- A) limak SP-330 on all TEC printers.
- B) Sony TR4070, Signature TM Series Resin on all Zebra, Datamax, Sato, Intermec and UBI printers.
- C) Sony TR4075 on all Zebra and Datamax printers.
- D) Zebra 5175 on all Zebra printers.
- E) Mid City Columbia CGL-80 on all Zebra, Datamax, Sato, Intermec and IBI printers.
- F) Armor AXR7+ and AXR-600 on all Zebra, Datamax, Sato, Intermec and IBI printers.
- G) TR5070 pn all Datamax, Sato, Intermec and UBI printers.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

**LL-26 • Pressure-Sensitive “350”**

T/T IMPRINTABLE MATTE PLATINUM POLYESTER, 3.8 mil with UV Letterpress Printing with or without Subsequent Thermal Transfer Printing - Ribbons -

- A) Zebra 5175 on all Zebra printers.
- B) Zebra 5095 and 5100 in all Zebra and Datamax printers.
- C) Mid City Columbia CGL-80HE on all Zebra, Datamax, Sato, Intermec and UBI printers.

USE: Indoor on Metal and Plastic Group I (max temp 100C) and Plastic Groups II, III, IV, V, VI, VII and VIII (max temp 80C).

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**SUBSTRATE GROUPINGS**

**TESTING ON SUBSTRATE SURFACES:**

CSA shall investigate printing materials on substrates defined as follows:

<b><u>GROUP</u></b>	<b><u>TEST MATERIAL</u></b>	<b><u>SUBSTRATE GROUPINGS</u></b>
	ALUMINUM	Bare, plated or enameled steel, anodized or enameled aluminum, stainless steel.
I	PHENOLIC	Phenolic, melamines, urea formaldehyde
II	POLYPHENYLENE OXIDE	Polyphenylene oxide, polyphenylene sulphide
III	POLYCARBONATE	Polycarbonate, acetates, acrylics
IV	POLYPROPYLENE	Polyethylene, polypropylene, polybutylene
V	NYLON	Polyamide, polyimide
VI	ACRYLONITRILE-BUTADIENE-STYRENE	Styrene, styrene acrylonitrile, acrylonitrile-butadiene-styrene
VII	POLYVINYL CHLORIDE (RIGID)	Polyvinyl chloride (rigid), plasticized polyvinyl chloride
VIII	GLASS-FILLED POLYESTER	Glass-filled polyester, glass-filled epoxy, polyethylene terephthalate, polybutylene terephthalate

**NOTE:** Printing materials intended for application to the types of plastic surfaces listed above are limited to a maximum temperature of 80C, with the exception of phenolics and melamines where the temperature shall not exceed 100C. These materials are intended for use on smooth, solid plastic surfaces.