

UNDERWRITERS LABORATORIES DATA SHEET

MARKING AND LABELING SYSTEMS-COMPONENT (PGJI2)

(Legacy Label File Number MH19363)

TABLE I (FOR USA)

SYSTEM DESIGNATION: LL-21R, LL21-S, LL-23R AND LL-23S

Suitable where exposed indoors to high humidity or occasional exposure to water.

Also suitable where exposed outdoors except where denoted with "I" under the column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	150	(302)	-40	(-40)	
Galvanized Steel	150	(302)	-40	(-40)	
Aluminum	150	(302)	-40	(-40)	
Acrylic Paint	150	(302)	-40	(-40)	
Polyester Paint	150	(302)	-40	(-40)	
Epoxy Paint	150	(302)	-40	(-40)	
Porcelain Paint	150	(302)	-40	(-40)	
Phenolic Plastic	100	(212)	-40	(-40)	
Polycarbonate Plastic	100	(212)	-----		
Nylon Plastic	100	(212)	-----		
Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	
Polystyrene Plastic	80	(176)	-40	(-40)	
Polypropylene Plastic	80	(176)	-----		
ABS Plastic	60	(140)	-40	(-40)	

PRINTER / INK COMBINATIONS

1. Armor "AXR-7," "AXR-7+," "AXR-8," "AXR-600," "AXR-800" thermal transfer inks.
2. Astromed "R5" or "RY" thermal transfer ink.
3. CP "5440 (Red)," "5640 (Blue)," "5940 (Black)" thermal transfer inks.
4. DaiNippon "R-330 (Black)," "R-300," "R-510 (Black)," "R-510 (Red)," "R-510 (Blue)," "R-510 (Green)," thermal transfer inks.
5. Dasco "DR-74" or "DR-84" thermal transfer inks.
6. Greatribbon "SDR" thermal transfer ink.
7. ICS "ICS-CC-4099.1" thermal transfer ink.
8. Iimac "SP-330" or "PrimeMark" thermal transfer inks.
9. Intermec Corp. "053258-2" or "054048-4" thermal transfer inks.
10. Japan Pulp and Paper "JP Resin 1," "JP Resin 2 (Blue)," "JP Resin 2 (Red)," "JP Resin 2 (Green)" thermal transfer inks.
11. Kurz "K500" or "K501" thermal transfer inks.
12. Markem "716" thermal transfer ink.
13. Mid City Columbia "CGL-80," "CGL-80HE," "MCC-23HE," "MCC-14" thermal transfer inks.
14. NCR "Matrix," "PaceSetter," "Promark II Ultra V" thermal transfer inks.
15. Pelikan "T016" thermal transfer ink.
16. Ricoh "B110CX," "B110A," "B110C" thermal transfer inks.
17. Sato "Premier 1" thermal transfer ink.
18. Sony Chem. Corp. "4070," "4075," "4085," "5070," "Signature (TM) Series Resin," "Signature (TM) Series Wax," "TR5075" thermal transfer inks.
19. UBI "HR03" and "HR04" thermal transfer inks.
20. Zebra Technologies Corp. "5095" or "5100" thermal transfer inks.

All ink colors are approved for indoor and outdoor recognition except systems LL-21R and LL-23R are limited to blue and black ink colors for outdoor use.

All ink colors are approved for indoor and outdoor recognition.

The thermal transfer printing of the labels is limited to black.

Where no printer is specified, any suitable thermal transfer printer producing readable labels may be employed.

UNDERWRITERS LABORATORIES DATA SHEET

MARKING AND LABELING SYSTEMS-COMPONENT (PGJI2)

(Legacy Label File Number MH19363)

TABLE I (FOR USA)

SYSTEM DESIGNATION: LL-22R AND LL-22S

Suitable where exposed indoors to high humidity or occasional exposure to water.

Also suitable where exposed outdoors except where denoted with "I" under the column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	150	(302)	-40	(-40)	
Galvanized Steel	150	(302)	-40	(-40)	
Aluminum	150	(302)	-40	(-40)	
Acrylic Paint	150	(302)	-40	(-40)	
Polyester Paint	150	(302)	-40	(-40)	I
Epoxy Paint	150	(302)	-40	(-40)	
Porcelain Paint	150	(302)	-40	(-40)	
Phenolic Plastic	100	(212)	-40	(-40)	
Polycarbonate Plastic	100	(212)	-----		I
Nylon Plastic	100	(212)	-----		I
*Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	
Polystyrene Plastic	80	(176)	-40	(-40)	
*Polypropylene Plastic	80	(176)	-40	(-40)	
ABS Plastic	60	(140)	-40	(-40)	

PRINTER / INK COMBINATIONS

1. Zebra Technologies Corp. "5175" or "5099" thermal transfer inks.
2. Intermec Corp. "053258-2" or "054048-2" thermal transfer inks.
3. Ricoh "B110C" thermal transfer ink.
4. Greatribbon "SDR" thermal transfer ink.
5. Sony Chemicals Corp. "4070" or "4072" thermal transfer inks.
6. Sato "Premier 1" thermal transfer ink.
7. Dasco "DR-74" or "DR-84" thermal transfer inks.
8. Iimac "SH-36" or "SP330" thermal transfer inks.
9. Armor "AXR-7" or "AXR-7+" thermal transfer inks.
10. AT&T Global Information Solution "Ultra V," "PaceSetter," "Matrix Resin" thermal transfer inks.
11. UBI "UBI HR03" or "UBI HR04" thermal transfer inks.
12. Kurz "K501" thermal transfer ink.

All ink colors are approved for indoor and outdoor use except system LL-22R is limited to blue and black ink colors for outdoor use.

All ink colors are approved for indoor and outdoor recognition.

The thermal transfer printing of the labels is limited to black.

Where no printer is specified, any suitable thermal transfer printer producing readable labels may be employed.

UNDERWRITERS LABORATORIES DATA SHEET

MARKING AND LABELING SYSTEMS-COMPONENT (PGJI2)

(Legacy Label File Number MH19363)

TABLE I (FOR USA)

SYSTEM DESIGNATION: LL-24 AND LL-24S

Suitable where exposed indoors to high humidity or occasional exposure to water.

Also suitable where exposed outdoors except where denoted with "I" under the column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Aluminum	125	(257)	-40	(-40)	
Galvanized Steel	125	(257)	-40	(-40)	
Stainless Steel	125	(257)	-40	(-40)	
Alkyd Paint	125	(257)	-40	(-40)	
Acrylic Paint	125	(257)	-40	(-40)	
Polyester Paint	125	(257)	-40	(-40)	
Epoxy Paint	125	(257)	-40	(-40)	
Phenolic Plastic	100	(212)	-40	(-40)	
Polycarbonate Plastic	100	(212)	-40	(-40)	
Nylon Plastic	100	(212)	-----		I
ABS Plastic	80	(176)	-40	(-40)	
Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	
Polystyrene Plastic	80	(176)	-40	(-40)	
Polypropylene Plastic	80	(176)	-----		I

PRINTER / INK COMBINATIONS

1. Zebra Technologies Corp. "5175" or "5099" thermal transfer inks.
2. Intermec Corp. "053258-2" or "054048-2" thermal transfer inks.
3. Ricoh "B110C" thermal transfer ink.
4. Greatribbon "SDR" thermal transfer ink.
5. Sony Chemicals Corp. "4070" or "4072" thermal transfer inks.
6. Sato "Premier 1" thermal transfer ink.
7. Dasco "DR-84" thermal transfer ink.
8. Iimac "SH-36" or "SP330" thermal transfer inks.
9. Armor "AXR-7" or "AXR-7+" thermal transfer inks.
10. AT&T Global Information Solution "Ultra V," "PaceSetter," "Matrix Resin" thermal transfer inks.
11. UBI "UBI HR03" or "UBI HR04" thermal transfer inks.
12. Kurz "K500" or "K501" thermal transfer inks.

All ink colors are approved for indoor and outdoor recognition.

The thermal transfer printing of the labels is limited to black.

Where no printer is specified, any suitable thermal transfer printer producing readable labels may be employed.

UNDERWRITERS LABORATORIES DATA SHEET

MARKING AND LABELING SYSTEMS-COMPONENT (PGJI2)

(Legacy Label File Number MH19363)

TABLE I (FOR USA)

SYSTEM DESIGNATION: LL-25R, LL-25S, LL-26R AND LL-26S

Suitable where exposed indoors to high humidity or occasional exposure to water.

Also suitable where exposed outdoors except where denoted with "I" under the column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	150	(302)	-40	(-40)	
Galvanized Steel	150	(302)	-40	(-40)	
Aluminum	150	(302)	-40	(-40)	
Alkyd Paint	150	(302)	-40	(-40)	
Acrylic Paint	150	(302)	-40	(-40)	
Polyester Paint	150	(302)	-40	(-40)	
Epoxy Paint	150	(302)	-40	(-40)	
Porcelain	150	(302)	-40	(-40)	
Phenolic Plastic	100	(212)	-40	(-40)	
Polycarbonate Plastic	100	(212)	-----		I
Nylon Plastic	100	(212)	-----		I
Polystyrene Plastic	80	(176)	-40	(-40)	
Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	
Polypropylene Plastic	80	(176)	-----		I
ABS Plastic	60	(140)	-40	(-40)	

PRINTER / INK COMBINATIONS

1. Zebra Technologies Corp. "5175" or "5099" thermal transfer inks.
2. Intermec Corp. "053258-2" or "054048-2" thermal transfer inks.
3. Ricoh "B110C" thermal transfer ink.
4. Greatribbon "SDR" thermal transfer ink.
5. Sony Chemicals Corp. "4070" or "4072" thermal transfer inks.
6. Sato "Premier 1" thermal transfer ink.
7. ICS-CC. "40099-1" thermal transfer ink.
8. Dasco "DR-84" thermal transfer ink.
9. limak "SH-36" or "SP330" thermal transfer inks.
10. Armor "AXR-7" or "AXR-7+" thermal transfer inks.
11. AT&T Global Information Solution "Ultra V," "PaceSetter," "Matrix Resin" thermal transfer inks.
12. UBI "UBI HR03" and "UBI HR04" thermal transfer inks.
13. Kurz "K501" thermal transfer ink.

All ink colors are approved for indoor and outdoor recognition except systems LL-25R and LL-26R are limited to blue and black ink colors for outdoor use.

All ink colors are approved for indoor and outdoor recognition.

The thermal transfer printing of the labels is limited to black.

Where no printer is specified, any suitable thermal transfer printer producing readable labels may be employed.