

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE I**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-1R, LL-1S, LL-2 AND LL-2S**

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

Also suitable where exposed outdoors to high humidity or occasionally exposed to water, when denoted with "0" under the column entitled "Additional Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		ADDITIONAL EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Aluminum	150	(302)	-40	(-40)	0
Galvanized Steel	150	(302)	-40	(-40)	0
Stainless Steel	150	(302)	-40	(-40)	0
Acrylic Paint	150	(302)	-40	(-40)	0
Alkyd Paint	150	(302)	-40	(-40)	0
Epoxy Paint	150	(302)	-40	(-40)	0
Polyester Paint	150	(302)	-40	(-40)	0
Porcelain	150	(302)	-40	(-40)	0
Phenolic Plastic	100	(212)	-40	(-40)	0
Polycarbonate Plastic	100	(212)	-----		
Nylon Plastic	100	(212)	-----		
Polystyrene Plastic	80	(176)	-40	(-40)	0
Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	0
Polypropylene Plastic	80	(176)	-----		
ABS Plastic	60	(140)	-40	(-40)	0

**All ink colors are approved for indoor and outdoor recognition except system LL-1R is limited to black and blue ink colors for outdoor use.**

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MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE I  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-5, LL-9, AND LL-13**

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

Also suitable where exposed outdoors to high humidity or occasionally exposed to water, when denoted with "0" under the column entitled "Additional Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		ADDITIONAL EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Aluminum	100	(212)	-40	(-40)	0
Galvanized Steel	100	(212)	-40	(-40)	0
Stainless Steel	100	(212)	-40	(-40)	0
Alkyd Paint	100	(212)	-40	(-40)	0
Acrylic Paint	100	(212)	-40	(-40)	0
Polyester Paint	100	(212)	-40	(-40)	0
Phenolic Plastic	100	(212)	-40	(-40)	0
Polycarbonate Plastic	100	(212)	-40	(-40)	0
Nylon Plastic	100	(212)	-----		
ABS Plastic	80	(176)	-40	(-40)	0
Polyphenylene Oxide Plastic	80	(176)	-40	(-40)	0
Polypropylene Plastic	80	(176)	-----		
Polystyrene Plastic	80	(176)	-40	(-40)	0

**All ink colors are approved for indoor and outdoor recognition.**

**TABLE II  
(FOR CANADA)**

**SYSTEM DESIGNATION: LL-5, LL-9, AND LL-13**

For Type A normal indoor use on surfaces as indicated.

SURFACE	MAXIMUM TEMPERATURE	
	°C	°F
Metals	100	(212)
Plastic Group I	100	(212)
Plastic Group II	80	(176)
Plastic Group III	80	(176)
Plastic Group IV	80	(176)
Plastic Group V	80	(176)
Plastic Group VI	80	(176)
Plastic Group VII	80	(176)
Plastic Group VIII	80	(176)

**All ink colors are approved for indoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE I**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-15S**

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

Also suitable where exposed outdoors when denoted with "O" under the column entitled "Additional Exposure Conditions."

Also suitable where occasionally exposed to Fuel Oil No. 1 when denoted with the "F1" under the column entitled "Additional Exposure Conditions."

Also suitable where occasionally exposed to Fuel Oil No. 2 when denoted with "F2" under the column entitled "Additional Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Aluminum	80	(176)	-40	(-40)	0
Galvanized Steel	80	(176)	-40	(-40)	0
Stainless Steel	80	(176)	-40	(-40)	0
Alkyd Paint	80	(176)	-40	(-40)	0
Acrylic Paint	80	(176)	-40	(-40)	0
Polyester Paint	80	(176)	-40	(-40)	0
ABS Plastic	80	(176)	-40	(-40)	0, F1, F2
Polyethylene Plastic	80	(176)	-40	(-40)	0
Polypropylene Plastic	80	(176)	-40	(-40)	0, F1, F2
Epoxy Paint	60	(140)	-40	(-40)	

**All ink colors are approved for indoor and outdoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE I**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-15R AND LL-16**

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

<b>SURFACE</b>	<b>MAXIMUM TEMPERATURE RATING</b>		<b>MINIMUM TEMPERATURE RATING</b>	
	°C	(°F)	°C	(°F)
Aluminum	80	(176)	-40	(-40)
Galvanized Steel	80	(176)	-40	(-40)
Stainless Steel	80	(176)	-40	(-40)
Acrylic Paint	80	(176)	-40	(-40)
Alkyd Paint	80	(176)	-40	(-40)
Polyester Paint	80	(176)	-40	(-40)
ABS Plastic	80	(176)	-40	(-40)
Polyethylene Plastic	80	(176)	-40	(-40)
Polypropylene Plastic	80	(176)	-40	(-40)

**All ink colors are approved for indoor recognition.**

**Label System LL-15R is limited to black, blue and red ink colors for outdoor use.**

**TABLE II**  
**(FOR CANADA)**

**SYSTEM DESIGNATION: LL-16**

For Type A normal indoor use on surfaces as indicated.

<b>SURFACE</b>	<b>MAXIMUM TEMPERATURE</b>	
	°C	°F
Metals	100	(212)
Plastic Group I	100	(212)
Plastic Group II	80	(176)
Plastic Group III	80	(176)
Plastic Group IV	80	(176)
Plastic Group V	80	(176)
Plastic Group VI	80	(176)
Plastic Group VII	80	(176)
Plastic Group VIII	80	(176)

**All ink colors are approved for indoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET  
MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE I  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-17, LL-18, AND LL-19**

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

Also suitable where exposed outdoors to high humidity or occasionally exposed to water, when denoted with "0" under the column entitled "Additional Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		ADDITIONAL EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Aluminum	150	(302)	-40	(-40)	0
Anodized Aluminum	150	(302)	-40	(-40)	0
Galvanized Steel	150	(302)	-40	(-40)	0
Stainless Steel	150	(302)	-40	(-40)	0
Polyester Paint	150	(302)	-40	(-40)	0
Alkyd Paint	125	(257)	-40	(-40)	0
Phenolic Plastic	100	(212)	-40	(-40)	0
Polycarbonate Plastic	100	(212)	-40	(-40)	
Nylon Plastic	80	(176)	-40	(-40)	0
Melamine Plastic	80	(176)	-40	(-40)	0
Polystyrene Plastic	80	(176)	-40	(-40)	0
Polypropylene Plastic	80	(176)	-----		
ABS Plastic	60	(140)	-40	(-40)	0
Polyethylene Plastic	60	(140)	-----		

All ink colors are approved for indoor and outdoor recognition.

**TABLE II  
(FOR CANADA)**

**SYSTEM DESIGNATION: LL-17, LL-18, AND LL-19**

For Type A normal indoor use on surfaces as indicated.

SURFACE	MAXIMUM TEMPERATURE	
	°C	°F
Metals	100	(212)
Plastic Group I	100	(212)
Plastic Group II	80	(176)
Plastic Group III	80	(176)
Plastic Group IV	80	(176)
Plastic Group V	80	(176)
Plastic Group VI	80	(176)
Plastic Group VII	80	(176)
Plastic Group VIII	80	(176)

All ink colors are approved for indoor recognition.

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
**(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE I**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-21R AND LL-21S**

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

Also suitable for outdoor exposure except where denoted with "I" under 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)	-----		I
ABS Plastic	60	(140)	-40	(-40)	

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

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE I**  
**(FOR THE USA)**

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

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

Also suitable for outdoor exposure except where denoted with “I” under column entitled “Exposure Conditions.”

System LL-22S is also suitable where occasionally exposed to Fuel Oil No. 1 when denoted with “F1” under the column entitled “Exposure Conditions.”

System LL-22S is also suitable where occasionally exposed to Fuel Oil No. 2 when denoted with “F2” 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)	F1, F2
ABS Plastic	60	(140)	-40	(-40)	F1, F2

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

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE I**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-23R AND LL-23S**

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

Also suitable for outdoor exposure except where denoted with "I" under 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)	-----		I
ABS Plastic	60	(140)	-40	(-40)	

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



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MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
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**TABLE I  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-24, LL-24S AND LL-31**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

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

**All ink colors are approved for indoor and outdoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET  
MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE I  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-25R AND LL-25S**

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

Also suitable for outdoor exposure except where denoted with "I" under 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 Paint	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)	

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

**UNDERWRITERS LABORATORIES DATA SHEET  
MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE I  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-26R AND LL-26S**

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

Also suitable for outdoor exposure except where denoted with "I" under 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 Paint	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)	

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

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
**(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE II**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-27 AND LL-29 (100)**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

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

**All ink colors are approved for indoor recognition except systems LL-27 and LL-29 are limited to red, blue and black ink colors for outdoor use.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
**(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE III**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-28**

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

Also suitable for outdoor exposure except where denoted with "I" under 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)	
Acrylic Paint	125	(257)	-40	(-40)	
Epoxy Paint	125	(257)	-40	(-40)	
Polyester Paint	125	(257)	-40	(-40)	I
Porcelain Paint	125	(257)	-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)	
Polypropylene Plastic	80	(176)	-----		I
Polystyrene Plastic	80	(176)	-40	(-40)	
ABS Plastic	60	(140)	-40	(-40)	

**All ink colors are approved for indoor recognition except system LL-28 is limited to red, blue and black ink colors for outdoor use.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE II**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-30 AND LL-32**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

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

**All ink colors are approved for indoor and outdoor recognition.**

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**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
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**TABLE II**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-33 AND LL-35 (100)**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	100	(212)	-40	(-40)	
Galvanized Steel	100	(212)	-40	(-40)	
Aluminum	100	(212)	-40	(-40)	
Acrylic Paint	100	(212)	-40	(-40)	
Polyester Paint	100	(212)	-40	(-40)	I
Epoxy Paint	100	(212)	-40	(-40)	
Porcelain Paint	100	(212)	-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)	-----		I
ABS Plastic	60	(140)	-40	(-40)	

**All ink colors are approved for indoor and outdoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET  
MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)  
(LEGACY LABEL FILE NUMBER MH17973)**

**TABLE III  
(FOR THE USA)**

**SYSTEM DESIGNATION: LL-34**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	125	(257)	-40	(-40)	
Galvanized Steel	125	(257)	-40	(-40)	
Aluminum	125	(257)	-40	(-40)	
Acrylic Paint	125	(257)	-40	(-40)	
Polyester Paint	125	(257)	-40	(-40)	I
Epoxy Paint	125	(257)	-40	(-40)	
Porcelain Paint	125	(257)	-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)	-----		I
ABS Plastic	60	(140)	-40	(-40)	

**All ink colors are approved for indoor and outdoor recognition.**



**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE II**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-36 AND LL-38**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	100	(212)	-40	(-40)	
Galvanized Steel	100	(212)	-40	(-40)	
Aluminum	100	(212)	-40	(-40)	
Alkyd Paint	100	(212)	-40	(-40)	
Acrylic Paint	100	(212)	-40	(-40)	
Polyester Paint	100	(212)	-40	(-40)	
Epoxy Paint	100	(212)	-40	(-40)	
Porcelain Paint	100	(212)	-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)	

**All ink colors are approved for indoor recognition except system LL-36 and LL-38 are limited to red, blue and black ink colors for outdoor use.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE III**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-37**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	125	(257)	-40	(-40)	
Galvanized Steel	125	(257)	-40	(-40)	
Aluminum	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)	
Porcelain Paint	125	(257)	-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)	

**All ink colors are approved for indoor recognition except system LL-37 is limited to red, blue and black ink colors for outdoor use.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE II**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-39 AND LL-41**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	100	(212)	-40	(-40)	
Galvanized Steel	100	(212)	-40	(-40)	
Aluminum	100	(212)	-40	(-40)	
Alkyd Paint	100	(212)	-40	(-40)	
Acrylic Paint	100	(212)	-40	(-40)	
Polyester Paint	100	(212)	-40	(-40)	
Epoxy Paint	100	(212)	-40	(-40)	
Porcelain Paint	100	(212)	-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)	

**All ink colors are approved for indoor and outdoor recognition.**

**UNDERWRITERS LABORATORIES DATA SHEET**  
**MARKING AND LABELING SYSTEMS - COMPONENT (PDGQ2)**  
 (LEGACY LABEL FILE NUMBER MH17973)

**TABLE III**  
**(FOR THE USA)**

**SYSTEM DESIGNATION: LL-40**

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

Also suitable for outdoor exposure except where denoted with "I" under column entitled "Exposure Conditions."

SURFACE	MAXIMUM TEMPERATURE RATING		MINIMUM TEMPERATURE RATING		EXPOSURE CONDITIONS
	°C	(°F)	°C	(°F)	
Stainless Steel	125	(257)	-40	(-40)	
Galvanized Steel	125	(257)	-40	(-40)	
Aluminum	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)	
Porcelain Paint	125	(257)	-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)	

**All ink colors are approved for indoor and outdoor recognition.**