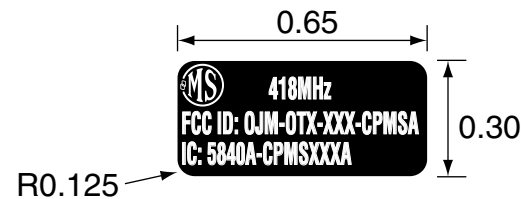


REVISIONS			
REV	DESCRIPTION	DATE	APPV
1	INITIAL RELEASE	1/28/2009	JGH
B	UPDATED NOTE 3 TO ADD REACH/SVHC COMPLIANCE AND USE OF DRC CONFLICT-FREE SOURCED MATERIALS	20-Nov-14	SAH
C	UPDATED DRAWING NUMBER; WAS LBL-OTX-xxx-CP8-MS, IS LBL-OTX-fff-CP8MS TO MATCH G/L AND AVL	26-SEP-16	CLL
D	UPDATED LABEL SIZE; WAS .065"x.035", IS .065"x.030"	8-FEB-19	CLL

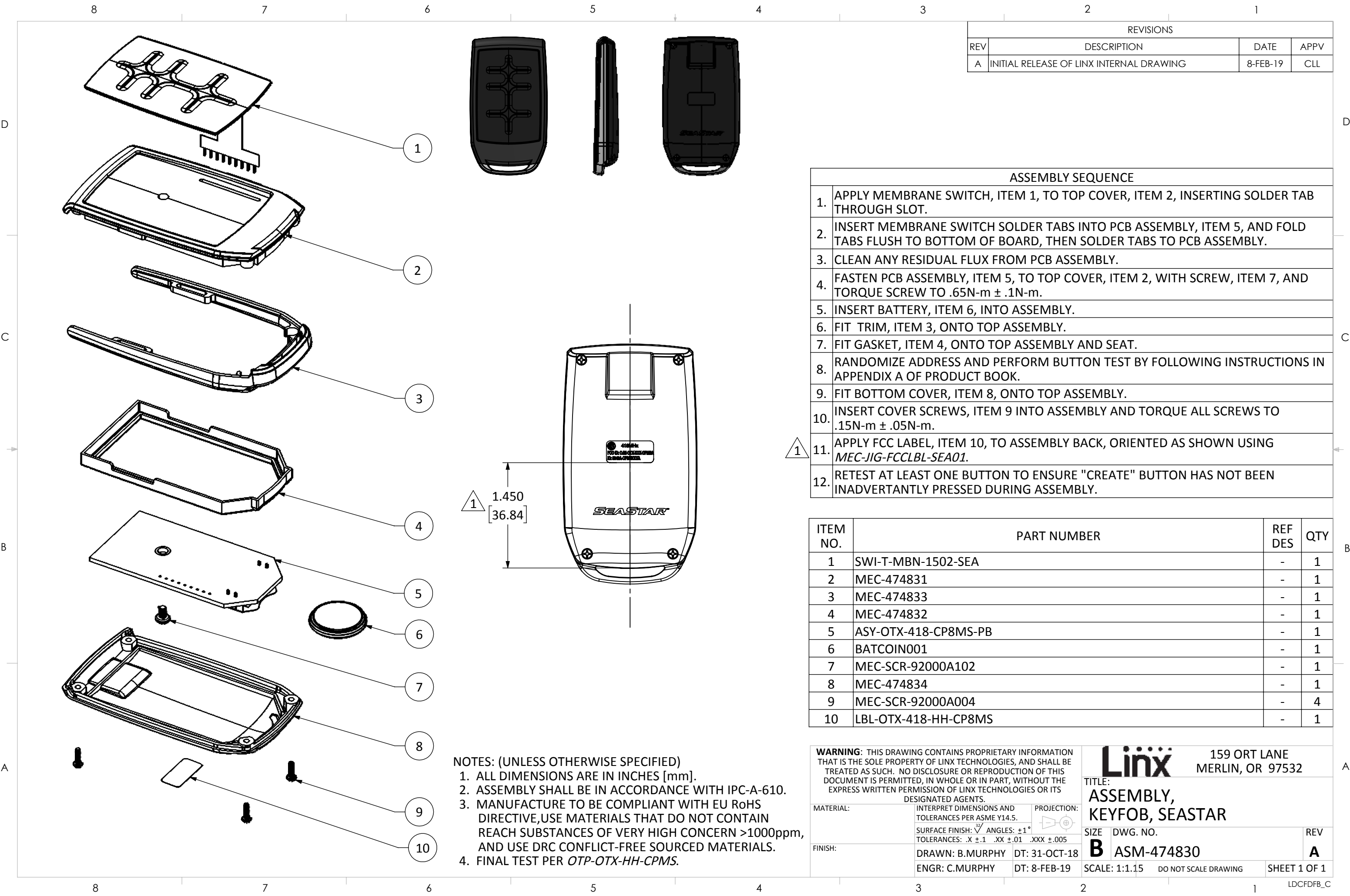
Actual Size



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN INCHES [mm].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. MATERIAL: MYLAR.
5. COLORS: BLACK BACKGROUND, WHITE TEXT.
6. ADHESIVE: S-333.

MATERIAL: NOTE 4	WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.		Linx 159 ORT LANE MERLIN, OR 97532 TITLE: FCC ID Label for the MS Compact Transmitter	
	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. SURFACE FINISH: $\sqrt{\text{Z}}$ ANGLES: $\pm 1^\circ$ TOLERANCES: .X \pm .1 .XX \pm .01 .XXX \pm .005	PROJECTION: 		
FINISH:	DRAWN:	DT:	SIZE DWG. NO.	REV
	ENGR: S.HOGAN	DT: 20-Nov-14	A LBL-OTX-418-HH-CP8MS	D
			SCALE: 1:1	DO NOT SCALE DRAWING
			SHEET 1 OF 1	



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	8-FEB-19	CLL

ASSEMBLY SEQUENCE	
1.	APPLY MEMBRANE SWITCH, ITEM 1, TO TOP COVER, ITEM 2, INSERTING SOLDER TAB THROUGH SLOT.
2.	INSERT MEMBRANE SWITCH SOLDER TABS INTO PCB ASSEMBLY, ITEM 5, AND FOLD TABS FLUSH TO BOTTOM OF BOARD, THEN SOLDER TABS TO PCB ASSEMBLY.
3.	CLEAN ANY RESIDUAL FLUX FROM PCB ASSEMBLY.
4.	FASTEN PCB ASSEMBLY, ITEM 5, TO TOP COVER, ITEM 2, WITH SCREW, ITEM 7, AND TORQUE SCREW TO .65N-m ± .1N-m.
5.	INSERT BATTERY, ITEM 6, INTO ASSEMBLY.
6.	FIT TRIM, ITEM 3, ONTO TOP ASSEMBLY.
7.	FIT GASKET, ITEM 4, ONTO TOP ASSEMBLY AND SEAT.
8.	RANDOMIZE ADDRESS AND PERFORM BUTTON TEST BY FOLLOWING INSTRUCTIONS IN APPENDIX A OF PRODUCT BOOK.
9.	FIT BOTTOM COVER, ITEM 8, ONTO TOP ASSEMBLY.
10.	INSERT COVER SCREWS, ITEM 9 INTO ASSEMBLY AND TORQUE ALL SCREWS TO .15N-m ± .05N-m.
11.	APPLY FCC LABEL, ITEM 10, TO ASSEMBLY BACK, ORIENTED AS SHOWN USING <i>MEC-JIG-FCCLBL-SEA01</i> .
12.	RETEST AT LEAST ONE BUTTON TO ENSURE "CREATE" BUTTON HAS NOT BEEN INADVERTANTLY PRESSED DURING ASSEMBLY.

ITEM NO.	PART NUMBER	REF DES	QTY
1	SWI-T-MBN-1502-SEA	-	1
2	MEC-474831	-	1
3	MEC-474833	-	1
4	MEC-474832	-	1
5	ASY-OTX-418-CP8MS-PB	-	1
6	BATCOIN001	-	1
7	MEC-SCR-92000A102	-	1
8	MEC-474834	-	1
9	MEC-SCR-92000A004	-	4
10	LBL-OTX-418-HH-CP8MS	-	1

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN INCHES [mm].
 - ASSEMBLY SHALL BE IN ACCORDANCE WITH IPC-A-610.
 - MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
 - FINAL TEST PER *OTP-OTX-HH-CPMS*.

WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	SURFACE FINISH: $\sqrt{\text{X}}$ ANGLES: $\pm 1^\circ$	
	TOLERANCES: .X $\pm .1$.XX $\pm .01$.XXX $\pm .005$	
FINISH:	DRAWN: B.MURPHY DT: 31-OCT-18	
	ENGR: C.MURPHY DT: 8-FEB-19	

159 ORT LANE
MERLIN, OR 97532

TITLE:
**ASSEMBLY,
KEYFOB, SEASTAR**

SIZE DWG. NO. REV
B ASM-474830 **A**

SCALE: 1:1.15 DO NOT SCALE DRAWING SHEET 1 OF 1

DURABLE PORTFOLIO

**Fasson® 2 Mil White Polyester
TC/S333/50#SCK ABC**
**Product Data
Sheet
Spec#: 72825**

Facestock		Facestock physical properties				
2 Mil White Polyester TC is a homogeneously pigmented white facestock featuring excellent tear strength, heat resistance, dimensional stability, opacity, and chemical resistance.		Imperial Value	Units		Metric Value	Units
	Caliper: ASTM D1000	0.0020	inches		50.80	micron
	Tensile: ASTM D882	MD	21,300	PSI	1,497	kg/cm2
		CD	28,400	PSI	1,997	kg/cm2

Adhesive		Adhesive physical properties				
S-333 An excellent general purpose industrial grade clear permanent acrylic adhesive. Features high initial tack to most high and medium surface energy substrates. High shear strength for low ooze characteristics.		Imperial Value	Units		Metric Value	Units
	Type:	Emulsion Acrylic				
	Caliper: ASTM D1000	0.0008	inches		20.32	micron
	Standard Coat Wt:				26	g/sq m
	Minimum Appl Temp:	25	F		-4	C
	Service Temp Range:	Min	-40	F	-40	C
		Max	300	F	149	C
	Loop Tack Stainless Steel: PSTC11	35.8	oz/inch		39.4	N/100 mm

Liner		Liner physical properties				
50#SCK is a bleached, super-calendered paper stock with very good diecutting and matrix stripping properties. Supplied with an Anti Block Coating ("ABC") on the backside of the liner to control adhesive and label transfer to the backside of the liner in finished, wound rolls. This liner should not be used in fanfolded label applications and is not recommended for back printability.		Imperial Value	Units		Metric Value	Units
	Caliper: ASTM D1000	0.0032	inches		81.2800	micron
	Basis Wt: TAPPI T410 * (24" x 36" 500 sheets)	54.5	lbs/ream		88.8	g/sq m
	Tensile: ASTM D882	MD	48.0	lbs/inch	211.2	N/25 mm
		CD	26.0	lbs/inch	114.4	N/25 mm
	Tear: TAPPI T414	MD	1.8	ounces	49.9	grams
		CD	2.1	ounces	58.2	grams

Liner Release:		Total Construction Caliper
TMLI 90° removal of Liner from Facestock.		(approximate):
Rate of Removal	Grams/2" Width	
400 inches/min.	40	0.006 inches (6 mils; 152 micron)

DURABLE PORTFOLIO

Product Data Sheet

Features and Benefits

- Opaque white facestock with very good hiding power and physical strength.
- Glossy clear top coat that accepts most flexographic, letterpress, and rotary screen inks.
- Excellent thermal transfer printability with most wax/resin and resin based ribbons.
- Excellent chemical resistance and good outdoor durability

Applications and Uses

This product is suitable for a variety of durable labeling applications such as:

- Product identification labels
- Barcode labels
- Rating plates
- Work in process (WIP) labels
- Property identification or asset tags
- Durable goods labeling
- Recognized for UL969 component labels. This product is UL Recognized and CSA Accepted for indoor and outdoor applications. For specific recognition or acceptance details, consult UL file MH17205 and CSA file 97198

Printing and Converting

The topcoat is designed for printing by most solvent, UV cured, and water-based flexographic inks, UV cured letterpress, and rotary screen inks. Specially formulated inks are normally not necessary; however, testing is recommended prior to final ink selection. Also suitable for thermal transfer printing with select ribbons and printers. Consult product recognition files or Fasson Thermal Transfer Ribbon Guide for specific recommendations. This product can be diecut and stripped at high speeds on most web-fed presses. Sample labels in a variety of shapes have been successfully dispensed and applied with standard labeling systems.

RoHS/Regulation 2002/95/EU

The substances listed in article 4 lid 1 of 2002/95/EU (RoHS) are not intentionally used in this product. The concentration limits of these substances will not exceed the set maximum concentration limits as provided in the proposed amendment for 2002/95/EU.

Shelf Life

Unless specified otherwise in this document, one year when stored at 72°F at 50% RH

Note:

The technical data presented is from tests we believe to be reliable but should be considered representative or typical only and should not be used for specifications purposes. This product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

DURABLE PORTFOLIO

Product Data
Sheet

Appendix

Performance Data:

The following technical data should be considered representative or typical only and should not be used for specification purposes.

	Initial (15 minute dwell)		72 Hours at Room Temperature		72 Hours at 120°F		96 Hours at 150°F (65°C) & 80% Relative Humidity	
Surface	oz/in	N/100mm	oz/in	N/100mm	oz/in	N/100mm	oz/in	N/100mm
1. Aluminum	55	61	60	66	63	70	89	98
2. Stainless Steel	36.5	40.2	59.6	65.6	68.4	75.2	70.4	77.4
3. ABS Plastic	51.5	56.7	62.9	69.2	60.2	66.2	37.1	40.8
4. Polypropylene	19	21	5.4	5.9	28	31	19	21
5. HDPE	11.2	12.3	12.9	14.2	17.2	18.9	33.4	36.7
6. LDPE	13	14.3	28	31	12	13	15	16

Environmental Performance: Chemical Resistance test results

The performance results are based on 4 hour immersions at room temperature unless otherwise noted (gasoline is 1 hour). Samples were applied to stainless steel panels and conditioned for 24 hours before immersion and evaluated immediately upon removal. Adhesion measured at 180° peel.

	Adhesion to Stainless Steel		Visual	Edge
Chemical	oz/in	N/100mm	Appearance	Penetration mm
1. 70% IPA	57.3	63	No Change	3.8
2. Tide® Detergent	40.5	44.6	No Change	0
3. Engine Oil (10W30)	46	50.6	No Change	0
4. Water	26.5	29.2	No Change	0
5. Ammonia - pH 11	0	0	No Change	0
6. 409® Cleaner	0.2	0.2	No Change	0
7. Toluene	12.4	13.6	No Change	3.3
8. Brake Fluid	48.96	53.9	No Change	0
9. Reference Fuel C	21.12	23.2	No Change	10.2

10. Kerosene K1	41.3	45.4	No Chnage	0
11. Heptane	47.5	52.3	No Change	0

Compliance Recognition: UL, CSA



Underwriters Laboratories,

Inc.

Substrates	Minimum Temperature		Maximum Temperature		(I=Indoor Only I/O=Indoor & Outdoor)
	°F	°C	°F	°C	
1. Aluminum	-40	-40	302	150	I/O
2. Galvanized Steel	-40	-40	302	150	I/O
3. Stainless Steel	-40	-40	302	150	I/O
4. Acrylic Paint	-40	-40	302	150	I/O
5. Epoxy Paint	-40	-40	302	150	I/O
6. Porcelain	-40	-40	302	150	I/O
7. Alkyd Enamel	-40	-40	302	150	I/O
8. Polyester Paint	-40	-40	302	150	I/O
9. Nylon	-40	-40	212	100	I/O
10. Polycarbonate	-40	-40	212	100	I/O
11. Melamine	-40	-40	212	100	I/O
12. Polystyrene	-40	-40	176	80	I/O
13. ABS Plastic	-40	-40	176	80	I/O
14. Unsat Thermoset Polyester	-40	-40	212	100	I
15. Phenolic	-40	-40	212	100	I
16. Polyphenylene Oxide	-40	-40	176	80	I
17. Polyethylene			140	60	I
18. and others					

Recognized Ribbons:

Armor "AXR7+", Armor "AXR600", Astro Med Inc "R-5", Astro Med "RF", Dai Nippon "R-300", Dai Nippon "R-510", Iimak "SP-410", Iimak "SP-330", Iimak "Primemark", Intermec "TMX 1500", Intermec "TMX 3200", ITW "R-91", ITW "B324", Japan Pulp & Paper "Resin 1", Japan Pulp & Paper "Sigma P", Kurz "K300", Kurz "K500", Kurz "K501", NCR "Promark 3", NCR "Resin Max", NCR "Perma Max", NCR "K3", Ricoh "B110C", Ricoh "B110CX", Ricoh "120EC", Sato Corp. "Premier 1", Sony "TR4070", Sony "TR4075", Sony "TR5070", Sony "TR6070", Sony "TR6075", Sony "Signature

Series Resin", Union Chemical "US300", Zebra "5095", Zebra "5100", Zebra "5463", Zebra "Z-4100", and others.



Canadian Standards

Association

Substrates	Minimum Temperature		Maximum Temperature		(I=Indoor Only I/O=Indoor & Outdoor)
	°F	°C	°F	°C	
1. Metals	-40	-40	302	150	I/O
2. Plastics Group I	-40	-40	212	100	I/O
3. Plastics Group II	-40	-40	176	80	I/O
4. Plastics Group III	-40	-40	176	80	I/O
5. Plastics Group V	-40	-40	176	80	I/O
6. Plastics Group VI	-40	-40	176	80	I/O
7. Plastics Group VII	-40	-40	176	80	I/O
8. Plastics Group VIII	-40	-40	176	80	I/O

Acceptable Ribbons: Dai Nippon "R-300", Dai Nippon "R-510", Iimak "SP-330", ITW "R-91, Japan Pulp & Paper "Resin 1", NCR "Promark 3", Ricoh "B110C", Sato Corp. "Premier 1", Sony "TR4070", Sony "TR5070", Sony "Signature Series Resin", Zebra "5095", Zebra "Z-4100"

409® is a registered trademark of the Clorox Company
Tide® is a registered trademark of the Procter & Gamble Company

The information on compliance conditions, substrates, and printing products contained in the tables above represent a summary of recognized or acceptable conditions and printing products. Other conditions, substrates, and printing products may be recognized with this material. Please consult the specific compliance organization records or specific files for a complete listing.

Warranty

All sales and contracts for sale are expressly conditioned on the buyer's assent to Avery Dennison's terms and conditions found on its website at www.na.fasson.com. Avery Dennison hereby objects to any term, different from or additional to Avery Dennison's terms, contained in any buyer communication in any form, unless agreed to in a writing signed by an officer of Avery Dennison.

www.na.fasson.com 	Label and Packaging Materials-North America 8080 Norton Parkway Mentor, OH 44060 800-944-8511	
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