2M CL PET TCRC/S8015LW/50#MF

Product Data Sheet
Spec#: 78947

Facestock	**Facestock physical properties**						
Silicone Coated 2M CL PET TC			**Imperial Value**	**Units**		**Metric Value**	**Units**
	Caliper: ASTM D1000		0.0020	inches		50.80	micron
	Tensile: ASTM D882	**MD**	31,200	PSI		2,193	kg/cm2
		CD	36,900	PSI		2,594	kg/cm2

Adhesive	**Adhesive physical properties**						
S8015LW adhesive is a high strength opaque white adhesive featuring medium initial tack, adhesion and shear. Offers a permanent bond to a wide variety of substrates.			**Imperial Value**	**Units**		**Metric Value**	**Units**
	Type:		Acrylic				
	Caliper: ASTM D1000		0.0011	inches		0.03	mm
	Standard Coat Wt:					32	g/sq m
	Minimum Appl Temp:		45	F		7	C
	Service Temp Range:	**Min**	-9	F		-23	C
		Max	300	F		149	C
	Loop Tack Stainless Steel: PSTC11		17.6	oz/inch		19.4	N/100 mm

Liner	**Liner physical properties**						
50# Machine finish liner with medium release characteristics			**Imperial Value**	**Units**		**Metric Value**	**Units**
	Caliper: ASTM D1000		0.0034	inches		0.0864	mm
	Basis Wt: TAPPI T410 * (24" x 36" 500 sheets)		51.5	lb/ream		82.4	g/sq m
	Tensile: ASTM D882	**MD**	29.0	lb.inch		130.5	N/25 mm
		CD	19.0	lb.inch		85.5	N/25 mm
	Tear: TAPPI T414	**MD**	1.9	oz		54.0	grams
		CD	1.9	oz		54.0	grams

Liner Release: TMLI 90° removal of Liner from Facestock.		**Total Construction Caliper** (approximate):
Rate of Removal	**Grams/2" Width**	
300 inches/min.	25	6.3 mils (0.0063 in)

Features and Benefits

- Durable 2 mil clear top coated polyester
- Backside Printable
- Self over laminating
- UL Recognition

Applications and Uses

Nameplates
Safety Labels
Outdoor Labels

Printing and Converting

Printable with most flexographic inks including solvent, water-based, and UV cured inks. Has been die cut, stripped, and printed at high press speeds, and auto dispensed at moderate speeds.

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℉ 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.

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		9
Surface	**oz/in**	**N/100mm**	**oz/in**	**N/100mm**	**oz/in**	**N/100mm**	**o**
1. Stainless Steel	47	51	55	61	68	75	
2. Aluminum	42	46	48	53	52	58	
3. Polypropylene	26	29	43	48	49	54	
4. ABS Plastic	48	53	59	65	41	45	

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	
Chemical	**oz/in**	**N/100mm**	**Appearance**	
1. 70% IPA	57	63	No Change	
2. Tide® Detergent	47	52	No Change	
3. Engine Oil (10W30)	53	58	No Change	
4. Water	37	41	No Change	
5. Ammonia - pH 11	47	51	No Change	
6. 409® Cleaner	41	45	No Change	
7. Brake Fluid	37	41	No Change	

Compliance Recognition: ☒ UL ☐ CSA ☒ C-U

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	Minimum Temperature	Maximum Temperature	

Substrates	°F	°C	°F	°C	(I=Indoor C I/O=Indoor & C
1. Acrylic Paint	-9	-23	302	150	I/O
2. Acrylic PCP*	-9	-23	302	150	I/O
3. Alkyd Enamel Paint	-9	-23	302	150	I/O
4. Aluminum	-9	-23	302	150	I/O
5. Epoxy PCP*	-9	-23	302	150	I/O
6. Galvanized Steel	-9	-23	302	150	I/O
7. Poly (Urethane) PCP*	-9	-23	302	150	I/O
8. Stainless Steel	-9	-23	302	150	I/O
9. Unsat Thermoset Polyester	-9	-23	302	150	I/O
10. Phenolic	-9	-23	212	100	I/O
11. ABS Plastic	-9	-23	176	80	I/O
12. Nylon (polyamide)	-9	-23	176	80	I/O
13. Polyphenolene Oxide	-9	-23	176	80	I/O
14. Polyethylene			104	40	I
15. Polypropylene			104	40	I
16. Polystyrene	-9	-23	104	40	I/O
17. PVC (Rigid)			104	40	I

Recognized Ribbons:

Tested by Underwriters Laboratories, Inc.
to meet the requirements of the Canadian Standards Association for labeling materials

Add Record **Change Record** **Delete Record**

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

Recognized Ribbons:

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.

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