

DURABLE PORTFOLIO



Let Us Label You

Product Data Sheet
Spec#: 79325 Durables

Fasson® 1 Mil Clear UV PRT PET/S3000/1Mil Polyester (1M CL UV PET/S3000)

Facestock		Facestock physical properties					
1M UV Clear Print Treated PET, a clear UV blocking 1 mil PET with good strength, dimensional stability, and excellent chemical resistance with high clarity. UV blocker is added to reduce UV transmission rate.		Imperial Value	Units		Metric Value	Units	
	Caliper: ASTM D1000	0.0010	inches		0.03	mm	
	Tensile: ASTM D882	MD	31,000	PSI		2,179	kg/sqcm
		CD	33,500	PSI		2,355	kg/sqcm

Adhesive		Adhesive physical properties					
Fasson® S3000 is a clear permanent adhesive designed for prime labeling including squeezable and clear facestock applications. Designed for low ooze and high temperature resistance. FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21 CFR 175.105). Compliance to this regulation permits the use of this adhesive in applications for which the adhesive either (1) is separated from the food by a functional barrier, which will prevent the migration of any of the adhesive components to the food, or (2) has incidental contact with food limited to the trace amount at the seams or the edges of the label.		Imperial Value	Units		Metric Value	Units	
	Type:	Emulsion acrylic					
	Caliper: ASTM D1000	0.0008	inches		20.32	microns	
	Standard Coat Wt:				21	g/sq m	
	Minimum Appl Temp:	25	F		-4	C	
	Service Temp Range:	Min	-40	F		-40	C
		Max	176	F		80	C
Loop Tack Stainless Steel: PSTC11	28.8	oz/in		31.7	N/100mm		

Liner		Liner physical properties					
A 1.0 mil durable polyester liner suitable for high-speed diecutting and stripping applications. Used primarily for roll-to-roll, high-speed dispensing applications.		Imperial Value	Units		Metric Value	Units	
	Caliper: ASTM D1000	0.0011	inches		26.9240	micron	
	Basis Wt: TAPPI T410 * (24" x 36" 500 sheets)	0.0			0.0	g/sq m	
	Tensile: ASTM D882	MD	32,000.0	psi		3,200.0	kg/cm2
		CD	32,000.0	psi		3,200.0	kg/cm2
	Tear: TAPPI T414	MD	0.0			0.0	
CD		0.0			0.0		

Liner Release:		Total Construction Caliper	
TMLI 90° removal of Liner from Facestock.		(approximate):	
Rate of Removal	Grams/2" Width		
400 inches/min.	40	0.0029 inches	



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Features and Benefits

- Crystal clear facestock for unobstructed view of print underneath.
- Smooth liner imparts a smooth adhesive coat for faster wet out .
- UL and c-UL recognized for overlamination. (750hrs Xenon)
- Tested to 2000hrs Xenon. (Results dependent on facestock/ink selection and other environmental conditions)
- Opaque to UV wavelength light from 310 nm to 375 nm.
- Excellent strength and chemical resistance.

Applications and Uses

Designed for overlamination of polyester or vinyl label materials to protect press printing from abrasion and UV exposures.

Printing and Converting

Not designed to receive surface printing, however, can be thermal transfer printed with wax/resin, hybrid, and resin based thermal transfer ribbons. Testing is highly recommended before the final selection of a ribbon for final end use. Can be die cut and stripped with most film and paper facestocks at high speeds on standard roll press equipment. Can enhance label dispensing

RoHS 3 (EU 2015/863)

The Fasson® product listed above meets the requirements specified by the European Union Directive Restriction of Hazardous Substances Directive 2002/95/EC, 2011/65/EU (RoHS 2) and as amended by (EU) 2015/863 (RoHS 3) .The heavy metals and phthalates called out in this directive are not intentionally used in the manufacture of Fasson® products and the total level of any incidental contamination of said substances in these products would be less than 100 ppm.

Optimal Storage Conditions

Unless otherwise specified in this document, ideally store at 72F and 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

Compliance Recognition: UL, C-U



Underwriters Laboratories, Inc.

Substrates	Minimum Temperature		Maximum Temperature		(I=Indoor Only I/O=Indoor & Outdoor)
	°F	°C	°F	°C	
1. on PET Labels	-40	-40	257	125	I/O
2. on PVC Labels	-40	-40	212	100	I/O

Recognized Ribbons: Armor "AXR7+", Armor "AXR8", Armor "AXR600", Astro Med Inc "R-5", Astro Med "RY", DNP "R-300", DNP "R-510", DNP "TR4070", DNP "Signature Series Resin", limak "SP-410", limak "SP-330", limak "Primemark", ITW "B324", Kurz "K500", NCR "Promark 3", NCR "Pacesetter", NCR "Ultra V", NCR "Perma Max", NCR "K3", Ricoh "B110C", Ricoh "B110CR", Sato Corp. "Premier 1", Zebra "5095", Zebra "5100", Zebra "5555", Zebra "Z-4100"



Tested by Underwriters Laboratories, Inc.

to meet the requirements of the Canadian Standards Association for labeling materials

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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.



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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 label.averydennison.com/products. 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.

<p>www.na.fasson.com</p> 	<p>Label and Packaging Materials-North America 8080 Norton Parkway Mentor, OH 44060 800-944-8511</p>	 <p>10001372 QM15 ISO 9001:2015 DQS Inc. AVERY DENNISON LGM-NA</p>
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