



PERFORMANCE GUIDE

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LTC02573

Revised: 09/22 KA

2 mil Silver Matte VOID PET / PAT1 / 3.0 mil White Glassine

Description		Applications and End Uses		
Product	LTC02573 - 2.0 mil topcoated matte silver void polyester with a durable and aggressive permanent acrylic adhesive and a 50# white glassine liner.		Designed for use for tamper evident labels used in industrial and electronic packaging device identification, warranty & asset protection, automotive VIN labels & security seals. Excellent flexo and thermal transfer printability with most resin ribbons.	
	<i>Recognized for UL969 component labels. This product is UL Recognized for indoor and outdoor applications. For specific recognition, consult UL file No. PGGU2.MH12627 Marking and Labeling Systems Materials and PGJ12.MH26726 Printing Materials.</i>		These labels serve various functions including logos, warning labels, and serial numbers. These labels are designed to last the life of the product, adhere to difficult substrates such as plastics and metals, and may require higher heat resistance.	
	<i>CUL recognized under UL file No. PGGU8.MH12627 Marking and Labeling System Materials Certified for Canada and PGJ18.MH26726 Printing Materials.</i>			
	Lintec item: TEMatt50VOID PAT1 7LK			
Face	2.0 mil matte silver void polyester, topcoated for superior printability via flexography and thermal transfer printers. Features high strength, tear resistance, dimensional stability and temperature resistance.			
	<div><div>Physical Properties without Adhesive</div><div><div>Caliper, inches</div><div>0.002 (2 mils)</div><div>ASTM D-2103</div></div></div>			
Adhesive	PAT1 is a high performance, permanent acrylic adhesive with excellent ultimate adhesion, low adhesive ooze and mandrel hold. It is extremely chemical and solvent resistant and has very good adhesion to various high and low energy substrates.			
	<div><div>Physical Properties of Adhesive</div><div><div>Thickness, inches</div><div>0.0007 +/- 10%</div><div>180° Peel Adhesion, lbs./in.</div><div>Stainless Steel: 2.1</div><div>CTM-8 (30 min. applied) Reference: PSTC-101A</div></div><div><div>Temperature Ranges</div><div><div>Minimum Application</div><div>+39°F (4 °C)</div><div>Service Ranges</div><div>-40°F to +302°F (-40 °C to +150 °C)</div><div>CTM #45 Curwood Polyester Film Dry Surface</div></div></div></div>			
	Liner	A 50# white glassine liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing. Primarily for roll-to-roll applications where a more demanding liner is needed.		
		<div><div>Caliper, inches</div><div>0.003+/- 10%</div><div>TAPPI T-411</div></div>		
<div><div>Basis Weight, lbs. (24" x 36"/500 sheets)</div><div>50 +/- 10%</div><div>TAPPI T-410</div></div>				
Shelf Life	Product retains its performance and properties for two years from date of manufacture when stored at 72° F and 50% relative humidity.			

CALL **1-800-548-3456** for additional product information



Underwriters Laboratories, Inc.

Substrates	Minimum Temperature		Maximum Temperature		(I=Indoor Only I/O= Indoor & Outdoor)	Additional Conditions
	° F	° C	° F	° C		
Acrylic Paint	-40	-40	212	100	I/O	-
Aluminum	-40	-40	212	100	I/O	-
Galvanized Steel	-40	-40	212	100	I/O	-
Stainless Steel	-40	-40	212	100	I/O	-
Epoxy Paint	-40	-40	176	80	I/O	-
Phenolic	-40	-40	176	80	I/O	-
Polycarbonate	-40	-40	140	60	I/O	-
Unsat Thermoset Polyester	-40	-40	140	60	I/O	-
ABS Plastic	-40	-40	140	60	I/O	-
Epoxy	-40	-40	176	80	I/O	-
Polyphenylene Oxide	-40	-40	176	80	I/O	-
Polypropylene	32	0	140	60	I	-
Polystyrene	-40	-40	140	60	I/O	-
Polyvinyl Chloride	-40	-40	140	60	I/O	-

Substrates	Maximum Temperature		(I=Indoor Only I/O= Indoor & Outdoor)	Additional Conditions
	° F	° C		
Metals	212	100	I/O	-
Plastic Group I	176	80	I/O	-
Plastic Group II	176	80	I/O	-
Plastic Group III	140	60	I/O	-
Plastic Group IV	140	60	I/O	-
Plastic Group VI	140	60	I/O	-
Plastic Group VII	140	60	I/O	-

Compliance Recognition, Inks: UL PGJ12 / cUL PGJ18

UL Recognized Thermal Transfer Ribbon

Armor SA AXR 600, AXR 7+, Autonics Co. HD, DNP R300, TR4070, Dynic Corp. CD-20, HL45, Fujicopian FSR, FSR11, FTX 300, FTX 301, TTM-111, TTM80, Lintec SI-5102, SI-5141, SI-5202, SI-5202G, SI-5402, SI-6112, SI-7142 Ricoh B110C, B110CR, B110CX, Toppan Printing Co. HD, Toshiba BR(e)A21, BR(e)R2, BR(e)R7S, BR(e)R8S, Zebra Technologies 5095

IMPORTANT NOTICE: The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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