



Repulpable Labels

9037

Technical Data January, 1996

Product Description	A fast dry, thermal transfer imprintable paper label stock.			
Construction	Facestock	Adhesive	Liner	
	3.5 mil(87.5microns) matte white paper	0.5 mil (12.5 microns) medium tack repulpable	2.5 mil (64 microns) 42# S.B. Kraft	
Typical Physical Properties and Performance Characteristics	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.			
	Repulpability :	Total repulpable construction (label/liner) per TAPPI UM-213		
	Adhesion:	180 degree peel, 10 minute dwell (ASTM D-3330)		
			Conditioned For 3 Days at Room Temperature	
	Surface	Oz./In	N/100MM	Oz./In. NM/100MM
	Glass	35	39	35 39
	Copy Paper	41	45	41 45
	Kraft Paper	22	24	22 24
	Liner Release:	180 degree liner removal		
		Removal Rate	Gram/In. Width	
		90 Inches/Minute	24	
		300Inches/Minute	87.0	
	Humidity Resistance:	24 hours at 100°F(38°C) and 100% relative humidity for 24 hours. No changes noted.		
	Shelf Life:	One year from date shipped from 3M if properly stored at 72°F (22°C) and 50% relative humidity		
	Printing:	Thermal transfer printing/flexographic printing Recommended for use with wax ribbons.		
	Die Cutting	Rotary die-cutting is recommended.		
		Winding tension should be kept to a minimum to help prevent adhesive from oozing.		
Ribbons For Use With 9037 Thermal Transfer Labels*	U.L. Recognized Ribbons :	Zebra 5597 (Wax)	Sony 4057 (Wax)	
		Zebra 5555-5 (Wax)	Sato Standard (Wax)	

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***Note:** The user must evaluate the ink and ribbons for use with the 3M ITSE product to determine whether the 3M ITSE product is fit for a particular purpose and suitable for the user's method of application.

Application Ideas	<ul style="list-style-type: none">• Thermal transfer labels• Labeling of finished rolls of paper
General Information	<ul style="list-style-type: none">• For maximum bond strength, surface should be clean and dry. For optimum bonding conditions, the application surface should be at room temperature or slightly higher.• Low temperature surface, below 50°F (10°C), can cause the adhesive to become so firm that it will not develop maximum contact with the substrate.
Features	<ul style="list-style-type: none">• Ink receptive helps increase ink adhesion and durability• Totally repulpable construction (per TAPPI UM-213).• Ideal for thermal transfer printing/flexographic printing.• Plastic packaging not required.
For Additional Information	To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550. Address correspondence to : 3M Industrial Tape and Specialties Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

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