

## MI Hybrid

Description		Applications and End Uses	
Product	MI Hybrid is a premium thermal transfer paper with a quick tack permanent adhesive and a 2.1 mil glassine liner.	Intended for thermal transfer label applications. *Compatible with most thermal transfer ribbons designed for coated papers.	
Face	A premium bright white, coated facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and excellent flexo printing.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0029 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	87	TAPPI T-452
	Opacity	87	TAPPI T-426
	Stiffness	150 MD 100 CD	TAPPI T-543
	Tear, grams	40 MD 50 CD	TAPPI T-414
	Tensile, lbs./in.	28 MD 17 CD	TAPPI T-494
Adhesive	Hybrid Adhesive System with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.		
	Complies with FDA 21 CFR 175.105		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Corrugate: 1.3	PSTC-2 (30 min. applied)
		HDPE: 1.8	PSTC-2 (30 min. applied)
		Stainless Steel: 2.7	PSTC-2 (30 min. applied)
	Loop Tack (1”), lbs./in.	Corrugate: 2.3	CTM-25
		HDPE: 3.2	CTM-25
		Stainless Steel: 4.8	CTM-25
	Temperature Ranges		
Minimum Application	+20°F (-7°C)	CTM #45 Curwood	
Service Ranges	-65°F to +160°F (-54°C to +71°C)	Polyester Film Dry Surface	
Liner	A 2.1 mil white glassine liner outstanding for die cutting, stripping and label dispensing.		
	Caliper, inches	53 µm	ISO 534
	Grammage	60 g/m2	ISO 536
Shelf Life	One year when stored at 72° F and 50% R.H.		

- **Note: The user is responsible for determining the product's suitability for all aspects of the applications.**
- **This Raw Material Performance Guide is an uncontrolled document.**

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