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10/29/19

Material Specification Sheet

Product:
M-896

Description:
A clear, thermal transfer printable, print-treated polyester facestock with a clear solvent acrylic permanent adhesive and a 2.3 mil bleached white glassine liner.

Recommended Applications:
This material is designed for overlamination of polyester or vinyl label materials to protect press printing from abrasion or chemical exposures. It is UL and c-UL recognized for overlamination. See UL files MH8212 and MH17205 for specific recognized conditions. It is not recommended for bright metallic backgrounds or dark flood coated surfaces.

Facestock:
A clear, print-treated polyester facestock. Highly transparent with excellent tear strength, heat resistance, dimensional stability and chemical resistance. Print treatment is designed to enhance printability of facestock for a variety of printing processes.

		Value	Units	Test Method
Caliper:		1.0	mil	ASTM D-374
Tensile:	MD	35,500	psi	ASTM D-882
	CD	33,500	psi	ASTM D-882

Adhesive:
A clear solvent, acrylic, permanent adhesive with good initial tack and ultimate adhesion to a wide variety of substrates. Great for industrial applications. Adheres to medium to low surface energy plastics. Has high shear for minimal cold flow or ooze characteristics.

	Value	Units
Caliper:	9	mil
Application temp:	50	°F
Service temp:	-40 to +300	°F
Loop Tack:		
Stainless Steel	59.2	oz/in

Liner:
40#, 2.3 mil bleached white glassine liner that exhibits excellent density, smoothness and roll label converting properties.

		Value	Units	
Caliper:		2.3	mil	ASTM D-374
Tensile:	MD	43.4	lbs/in	ASTM D-882
	CD	17	lbs/in	ASTM D-882
Tear:	MD	34	grams	TAPPI T414
	CD	42.5	grams	TAPPI T414

Shelf Life:
One year, under standard storage and humidity conditions

CERTIFIED ISO 9001:2000 QUALITY