



Hanita Coatings



INDIGO® OPTIMIZED SUBSTRATES

I84102

PRODUCT DATA

50 Micron (2 mil) White Polyester

Dura-Go™ substrates are HP Indigo-licensed and were jointly developed by Hanita Coatings, Tekra Corporation and Indigo to create the premier product line of film substrates for HP Indigo digital presses.

Our proprietary primer coatings provide a number of benefits, including:

- Reliable, superior ink adhesion
- High definition of colors
- Long shelf life, guaranteed to print for one year after purchase when stored at less than 72F and less than 50% relative humidity

The Dura-Go coating is highly resistant to weathering/degradation:

		Units	Test Conditions
Weatherability	2	Months	Outdoor
	24	Months	Indoor
Dish Washer	pass	N/A	1.5 hours, top cycle
Water and Chemical Resistance	200	Hours	100% RH at 100F
	200	Hours	Distilled Water at 90F
	2	Hours	Water + 2% detergent at 150F
	24	Hours	Ethanol at 75F

Product **I84102** is a 50 micron (2 mil) white polyester film coated one side with Indigo primer. One application of this product is as a face material in the manufacture of PSA labels, traditionally used in electronic and various industrial markets.

Polyester films are also highly desirable for their tensile strength, superior chemical resistance and high heat resistance, resulting in enhanced registration of the film.

Physical properties include:

	Measure	Unit	Conditions
Tensile Strength, MD	14,286	psi	N/A
Tensile Strength, TD	22,857	psi	N/A
Elongation at Break, MD	90%	N/A	N/A
Elongation at Break, TD	60%	N/A	N/A
Shrinkage, MD	3%	N/A	5 minutes at 375°F
Shrinkage, TD	1%	N/A	5 minutes at 375°F

MD=Machine Direction, TD=Transverse Direction

Permanent pressure sensitive acrylic adhesive properties include:

	Average Value	Test Method
Adhesion from Stainless Steel PM 200 Clear:	67 (737)	PSTC 1 (Modified for 72 hr dwell time)
Acrylic PM 200 Clear:	71 (781)	
Polypropylene PM 200 Clear:	48 (528)	
Expected Shear (hours) PM 200 Clear:	100+	PSTC 7 (1 hr dwell, 1 sq. in, 4 lb. Load)
Tack (gm/sq. cm) PM 200 Clear:	540	ASTM D 2979
Expected Exterior Life	Depends on substrates	
Service Temperature Range PM 200 Clear	-40°F to 302°F (-40°C to 150°C)	
Min Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21° C) and 50% RH	

Dura-Go™ Polyester is available in sheets or rolls.

The application suggestions, specifications and other data described here are based on experience that is believed by Tekra Corporation and Hanita Coatings to be reliable. Because of the characteristics of these products, you should, before using these products in production, perform your own tests to determine to your satisfaction whether these products are acceptable and suitable for your particular purposes under your operation conditions.

Any order for these products will be subject to Seller's terms and conditions of sale.