



Hanita Coatings



INDIGO® OPTIMIZED SUBSTRATES

I82104

PRODUCT DATA

100 Micron (4 mil) White Flexible Vinyl Permanent Acrylic Adhesive

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 under proper conditions*

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 **I82104** is a 100 micron (4 mil) white vinyl film coated one side with Indigo primer and with an acrylic permanent pressure sensitive adhesive backed with a poly coated lay flat release liner. Common applications include specialty decals.

Physical properties include:

		Measure	Unit	Test Method
Thickness	Film	3.5	mil	ASTM D3652
	Adhesive	0.8	mil	ASTM D3652
	Liner	6.8	mil	ASTM D3652
Dimensional Stability	MD	0.75	%	On Al panel at 160F for 24 hours
	TD	0.75	%	

MD=Machine Direction, TD=Transverse Direction

Adhesion Properties	Average	Test Method
Adhesion from Stainless Steel Acrylic Glass Polypropylene	oz/in (N/m) 101 (1111) 99 (1089) 96 (1056)	PSTC 1 (Modified for 72 hr dwell time)
Expected Shear (hours)	20	PSTC 7 (1 hr dwell, 1 sq. in, 4 lb load)
Tack (gm/sq. cm)	520	ASTM D 2979
Expected Exterior Life	Two years	
Service Temp Range	-40°F to 176°F (-40°C to 80°C)	
Min Application Temp	10°F (-12°C)	
Storage Stability	Two years stored at 70°F (21°C) & 50% RH	

Dura-Go™ Flexible Vinyl PSA is available in rolls or sheets.

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.