



Hanita Coatings



INDIGO® OPTIMIZED SUBSTRATES

I24220KJ

PRODUCT DATA

Dura-Go™/Pentacard® 500 Micron (20 mil) White Rigid Vinyl Matte/Matte Indigo Coated 2 Sides for the Card Market

Dura-Go™ substrates are Indigo-licensed and were jointly developed by Hanita Coatings, Tekra Corporation and Indigo to create the premier product line of film substrates for 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	200	Hours	65% RH at 80F
Chemical Resistance	200	Hours	Distilled Water at 90F
	2	Hours	Water + 2% detergent at 150F
	24	Hours	Ethanol at 75F

Dura-Go™/Pentacard® is a rigid opaque high impact matte core stock coated for the HP Indigo presses designed for a broad range of card applications, including split core lamination, and has excellent laminating properties.

Rigid vinyl physical properties include:

Property	Test Method	Units	Value
Gauge Tolerance	D-374	%	+/- 5.0% typical
Specific Gravity	D-792	----	1.35*
Material Yield (Nominal)	D-792	in ² /lb.	1520 (13.5mil)
Tensile Strength (Yield)	D-882	lb./in. ²	6400
Elongation (Break)	D-882	%	150
Tensile Impact Strength	D-1822 MOD	Inch-lb./mil	270
Cold Break Temp.	D-1790	°C	-20
VICAT Te mp.	D1525A	°C	78
Flex Resistance (Embossed & Overlaid)	A. Little	# Flexes	4000
Laminating Temp. (est)	----	°F	295
Surface Roughness (Ra)	Perthometer	Micro-in. # above 20	Per customer request
Peak Density	Perthometer	micro-in/cm	100

*Color Dependent

Dura-Go™/Pentacard® rigid vinyl is available in sheets.

The application suggestions, specifications and other data described here are based on experience that is believed by Tekra Corporation 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 Tekra Corporation's terms and conditions of sale.