Hanita Coatings

TEKRA

DURA-Go

INDIGO® OPTIMIZED SUBSTRATES

I22212KJ

PRODUCT DATA

Dura-Go™/Pentacard® 300 Micron (12 mil) White Rigid Vinyl Matte/Matte Indigo Coated 1 Side 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 Chemical Resistance	200	Hours	65% RH at 80F
	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 Temp.	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.