



Hanita Coatings



I71907

INDIGO® OPTIMIZED SUBSTRATES

**PRODUCT DATA**

## 7 mil ProTek® Clear Weatherable Hardcoated 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

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

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

I71907 is a polyester with a clear weatherable hardcoat on one side and Dura-Go coating for HP Indigo presses on the reverse side. The weatherable hardcoat resists harmful sunlight and condensation that typically yellows and destroys plastic and fades ink. Typical applications for this product include: Nameplates, Faceplates, Control Panels, Membrane Touch Switches, Durable Labels, and Overlays.

## 171907 Technical Data Continued

### Typical Hardcoat Values:

Physical		Test Method	Value	Unit
Clarity		TM 10.76	>99	%
Haze		TM 10.76	<1	%
Light Transmission		TM 10.76	88	%
Gloss Backpainted Flat Black 60 Degrees		TM 10.15	92	GU
Gloss Clear over White Matte 60 Degrees		TM 10.15	164	GU
UV Spectrum Transmission 300-370 nm		Light Transmitted	<1	%
285-380 nm		Light Transmitted	<5	%
Xenon Arc Testing 1000 Hours		SAE J2527 (Feb 2004)	0.5	Δ YI
2000 Hours			1.1	Δ YI
Mechanical		Test Method	Value	Unit
Abrasion Resistance		TM 10.85	10	
Pencil Hardness		TM 10.59	2H	
Thermal		Test Method	Value	Unit
Shrinkage		30 min at 120C		
	MD		0.5	%
	TD		0.4	%

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.

## 171907 Technical Data Continued

### Typical Chemical Resistance Values:

Chemical	One hour surface contact at 23C	24 hours surface contact at 23C
Acetone	Pass	Pass
Concentrated HCl	Pass	Fail
MEK	Pass	Pass
Toluene	Pass	Pass
Methylene Chloride	Pass	Pass
Isopropyl Alcohol	Pass	Pass
Cyclohexanone	Pass	Pass
Ethyl Acetate	Pass	Pass
Xylene	Pass	Pass
Brake Fluid	Pass	Pass
Butyl Cellosolve	Pass	Pass
Hexane	Pass	Pass
	24 hours surface contact at 23C	24 hours surface contact at 50C
Coffee	Pass	Pass
Fantastik <sup>1</sup>	Pass	Pass
Formula 409 <sup>2</sup>	Pass	Pass
Windex w/Ammonia D <sup>1</sup>	Pass	Pass
Tide <sup>3</sup>	Pass	Pass
Downy <sup>3</sup>	Pass	Pass
20% Bleach	Pass	Pass
Mustard	Pass	Slight Stain
Mr. Clean <sup>3</sup>	Pass	Pass
Ketchup	Pass	Pass
Tea	Pass	Pass
Tomato Juice	Pass	Pass
Lemon Juice	Pass	Pass
Grape Juice	Pass	Pass
Vinegar	Pass	Pass
Milk	Pass	Pass
Top Job <sup>3</sup>	Pass	Pass
Armor All †	Pass	Pass
Ethanol	Pass	Pass
Salt Water	Pass	Pass
Sunscreen	Pass	Pass

<sup>1</sup> Registered Trademark of SC Johnson

<sup>2</sup> Registered Trademark of the Clorox Company

<sup>3</sup> Registered Trademark of Proctor and Gamble

† Registered Trademark of ArmorAll Products Corp

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