



Hanita Coatings



HP INDIGO® OPTIMIZED SUBSTRATES

I72107, I72110

**PRODUCT DATA**

## Dura-Go Clear Marnot™ Polycarbonate

Dura-Go™ substrates are HP Indigo-licensed and were jointly developed by Hanita Coatings, Tekra Corporation and HP 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	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 Clear Marnot™ Polycarbonate is available in a 7 and 10 mil thickness. Marnot is Tekra's trademarked hardcoated plastic film. In Indigo applications it is reverse printed and can be used as membrane switch overlays, product/brand labels, and other durable label applications. Benefits of Marnot include good abrasion and chemical resistance, the ability of the Marnot surface to be textured, and the ability to be embossed.

Typical properties include:

ABRASION & SCRATCH RESISTANCE			
Taber Abrasion Haze (change) 11% (Marnot XL Clear PC Film)			
SOLVENT RESISTANCE			
Contact for 24 hours at 70° F No Visible Effect		Contact for 24 hours at 120° F No Visible Effect	
Acetone	Isopropyl Alcohol	Clorox <sup>3</sup>	Mr. Clean <sup>1</sup>
Butyl Cellosolve	MEK	Coffee	Mustard (slight yellow stain)
Cyclohexanone	Methylene Chloride	Downy <sup>1</sup>	Spray 'N Wash <sup>2</sup>
Ethyl Acetate	Toluene	Fantastik <sup>2</sup>	Tea
Hexane	Xylene	Formula 409 <sup>3</sup>	Tomato Juice
		Ketchup	Top Job
		Lemon Juice	Wisk <sup>4</sup>

Dura-Go™ Marnot Polycarbonate is available in sheets and rolls.

The following are registered trademarks:

<sup>1</sup>Proctor and Gamble

<sup>3</sup>Texize, Division of Morton Norwich Products, Inc.

<sup>2</sup>Clorox Company

<sup>4</sup>Lever Brothers Company

**DISCLAIMER:** Dura-Go coated Marnot Polycarbonate for the HP Indigo presses has a coating on it to accept the HP Indigo inks that is considered a "soft" coating. This coating has proved acceptable in a majority of applications including general overlay applications. However, in higher end applications that require a consistent, optically clear window, the coating has proven to have very fine visual imperfections that can impair the ability to have high optical clarity in these windows. It is advised for any applications with windows, that you test the material first as Tekra will not be accepting any claims on Dura-Go Marnot coated Polycarbonate for optical clarity issues in a window.

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.