Hanita Coatings

TEKRA

DURA-Go

INDIGO® OPTIMIZED SUBSTRATES

I72107

PRODUCT DATA

175 Micron (7 mil) Clear Marnot™ Polycarbonate

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

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.

Polycarbonate films offer superior mechanical, thermal, electrical and optical properties for applications requiring high clarity/low haze, improved heat resistance or reduced glare. Thermal properties include the ability to withstand temperatures up to 284ºF (140ºC) for short periods. Polycarbonate film begins to soften at a point above the glass transition temperature of 350ºF (153ºC).

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[3]	Mr. Clean[1]
Butyl Cellosolve	MEK	Coffee	Mustard (slight yellow stain)
Cyclohexanone	Methylene Chloride	Downy[1]	Spray 'N Wash[2]
Ethyl Acetate	Toluene	Fantastik[2]	Tea
Hexane	Xylene	Formula 409[3]	Tomato Juice
		Ketchup	Top Job
		Lemon Juice	Wisk[4]

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

The following are registered trademarks:
[1]Proctor and Gamble
[2]Clorox Company
[3]Texize, Division of Morton Norwich Products, Inc.
[4]Lever Brothers Company