Hanita Coatings

TEKRA

DURA-Go

HP INDIGO® OPTIMIZED SUBSTRATES

I83502

PRODUCT DATA

50 Micron (2 mil) Clear Polyester with 3M® P1400 Permanent Adhesive and a 90# liner

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 substrate s 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 7 2F 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	100% RH at 100F
Chemical Resistance	200	Hours	Distilled Water at 90F
	2	Hours	Water + 2% detergent at 150F
	24	Hours	Ethanol at 75F

Product ***I83502*** is a 50 micron (2 mil) clear polyester film coated one side with Indigo primer and is laminated with perman ent adhesive and a 90# liner. One application of this product is as a face material in the manufacture of PSA labels, traditionally used in electronic and various industrial markets.

Polyester films are also highly desirable for their tensile strength, superior chemical resistance and high heat resistance, resulting in enhanced registration of the film.

Physical properties include:

	Measure	Unit	Conditions
Tensile Strength, MD	14,286	psi	N/A
Tensile Strength, TD	22,857	psi	N/A
Elongation at Break, MD	90%	N/A	N/A
Elongation at Break, TD	60%	N/A	N/A
Shrinkage, MD	3%	N/A	5 minutes at 375 F
Shrinkage, TD	1 %	N/A	5 minutes at 375 F

MD=Machine Direction, TD=Transverse Direction

3M® P1400 permanent adhesive properties include:

Note: Adhesion properties determined per TLMI Method using 1.0 mil polyester with 1.0 mil of adhesive on a polis hed stainless steel panel

Peel Adhesion	2.2 lbs/in (528 N/m)	TLMI Method, 180° Peel, 12"/min, 1" wide sample
Loop Tack	1.8 lbs/in (316 N/m)	TLMI Method, 12"/min, 1" wide sample
Shear	4 hours	TLMI Method, 0.25 in^2 x 500g
Adhesive Coat Weight	1.75 g/100 in^2 +/- 10%	Emtech Method E10MFP01
Release Range	15 to 50 g/2 in	TLMI Method, 180° removal, 300 in/min
Service Temperature	-20°F to 302°F (-29°C to 150°C)	
Application Temperature	40°F to 120°F (5°C to 49°C)	

Dura-Go™ Polyester is available in sheets or rolls.