



Wide Format UV Inkjet Media

Product Data

JetView™ Marnot Heat Stabilized Polyester for UV Inkjet

Product Description

JetView Polycarbonate is optimized for UV Inkjet printers. This is a clear film with one side featuring Tekra's proprietary hardcoat for scratch resistance, chemical resistance, and abrasion resistance, while the other side has Tekra's proprietary UV Inkjet receptive coating. Our coating is guaranteed to print for one year after purchase when stored at less than 72°F and less than 50% relative humidity.

Typical Applications

Point-of-purchase signs, displays, industrial graphics, membrane touch switch overlays, labels, and nameplates

Typical Property Values

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	1000	1.5	%	ASTM D1003
Haze	500	1	%	ASTM D1004
Haze	700	1	%	ASTM D1005
PHYSICAL				
C.O.F. (static) A-B		0.7		ASTM D1894
Tensile Strength MD(Break)		20,000	psi	ASTM D882A
Tensile Strength TD (break)		20,000	psa	ASTM D882A
Yield (nominal)	500	3,968	sq in/lb	
Yield (nominal)	700	2,834	sq in/lb	
Yield (nominal)	1000	1,984	sq in/lb	
THERMAL				
Shirnkage MD (150°C)		0.2	%	Unrestrained @ 150°C/30 min
Shirnkage TD (190°C)		0.1	%	Unrestrained @ 150°C/30 min
MECHANICAL				
Abraision Resistance		8		TM 10.13
Pencil Hardness		H-2H		T 10.97

In the event of any post-print processing applications, a minimum of 24 hours is recommended between printing and any additional processes. This is especially important for any processes that will come in direct contact with the ink, such as adhesive lamination. For best results, consult your ink manufacturer's recommendation of ink post-cure time, as inks may vary.

The applications suggestions, specifications and other data described here are based on experience that is believed by Tekra 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.

POST UV CURING CHEMICAL RESISTANCE

Chemical	One Hour Surface Contact at 23C	4 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
Cyclehexanone	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 ¹	Pass	Pass
Formula 409 ²	Pass	Pass
Windex w/ Ammonia D ¹	Pass	Pass
Tide ³	Pass	Pass
Downy ³	Pass	Pass
20% Bleach	Pass	Pass
Mustard	Pass	Slight Stain
Mr. Clean ³	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
Armor All [†]	Pass	Pass
Ethanol	Pass	Pass
Salt Water	Pass	Pass
Sunscreen	Pass	Pass

MASKING AND INTERLEAVING

JetView UV Marnot HS PET can be configured with interleaving, mask on the first or second surface, or with no masking or interleaving. If no protective interleaving or masking is selected, Tekra will not warranty against spot abrasions or other damage to the uncoated surface in transit.

PROCESSABILITY

Tekra has made a good faith effort to validate the suitability of this product with common processing methods including screen printing, laser cutting, die cutting and embossing. However, because of the variability between different types of equipment, methods and processing conditions Tekra recommends that you work with your Tekra representative, your ink representative and your machine manufacturer to determine the substrates, inks, machinery and settings that work best in your particular situation.

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² Registered Trademark of the Clorox Company

³ Registered Trademark of Proctor and Gamble

[†] Registered Trademark of ArmorAll Products Corp.



TEKRA, LLC,

16700 W LINCOLN AVE
NEW BERLIN, WI 53151
800-448-3572