



Hanita Coatings



# DURA KOTE

X11104

## PRODUCT DATA

### Dura-Kote™ 4 mil Clear Polyester Coated 1 Side (5 mil with Coating)

#### General Specifications

		Units	Test Conditions
Appearance	Clear	--	--
Total Film Thickness	100	µm	--
Surface Resistivity	10 <sup>10</sup>	Ω/□	ASTM D-257
Tensile Strength at Break	15.3	Kgf/mm <sup>2</sup>	ASTM D-882
Elongation at Break	70	%	ASTM D-882
Shrinkage	1.50	%	after 5 min. at 190°C
Static COF	0.45	--	ASTM
Kinetic COF	0.32	--	D 1894

## X11104 Technical Data Continued

### Durability Testing

		Units	Test Conditions
Weatherability (1)	1	Months	Direct exposure
	2	Months	Reverse print
	12	Months	Behind Glass
	48	Months	With UV block overlamine
Washing Machine	NA	--	50°C (120°F), 2.5 hours, centrifuge 400 RPM
Dish Washer	NA	--	1.5 hours, top cycle
Heat Resistance	10	Min.	160°C (320°F) at oven
Chemical Resistance  Immersion for at least 48 hours and Crockmeter Smudge test according to ASTM F1319	200	Hours	100% RH at 38°C (100°F) Immersion & Crockmeter
	pass		Distilled water at 32°C (90°F)
	pass		Water with 2% detergent at RT*
	pass		Lubricating oil at RT*
	pass		Alcohol (Ethanol) at RT*
	pass		Alkaline solution pH=13 at RT*
	pass		Acidic solution pH=3 at RT*
Smudge Resistance	pass		Dry cotton cloth ASTM F1319-90
Abrasion Resistance	No Change		ASTM D 1044 Without test of Hazemeter

(1) The weatherability period mentioned is an interpretation of a QUV weathering accelerated test (ASTM G-53), in which, 400 hours in the QUV is equivalent to 1 year outdoor conditions in California. This test accelerates weather conditions by cycles of humidity+heat and very powerful UV radiation exposure. During all the test periods noted in the above table, no deterioration (fading, yellowing, cracking etc.) of the printed media was detected. Printing with UV resistant toners will extend the direct exposure period.

Any order for these products will be subject to Tekra Corporation's terms and conditions of sale.

## X11104 Technical Data Continued

### Script Files

Xeikon 32D, 50D	HCDSC136 Fuser 130°C GEM 95°C
Agfa Chromapress	HSCP100 Fuser 130°C GEM 95°C
IBM 3170	All products have been qualified by IBM. Please refer to local distributor for details.
Xerox Docutech	Please consult local Xerox dealer for script files.