



Hanita Coatings



DURA KOTE

X12202, X12203, X12204
X12207

PRODUCT DATA

DuraKote™ White Polyester Coated 2 Sides

General Specifications

		Units	Test Conditions
Appearance	White	--	--
Total Film Thickness	70-200	µm	--
Surface Resistivity	10 ¹³	Ω/□	ASTM D-257
Tensile Strength at Break	MD* 15.5 TD* 17.5	kgf/mm ²	ASTM D-882
Elongation at Break	MD* 120 TD* 120	%	ASTM D-882
Shrinkage	MD* 1.5 TD* 0	%	after 5 min. at 190°C
Static COF	0.50 --	--	ASTM
Kinetic COF	0.32 --	--	D 1894

MD* = Machine Direction

TD* = Transverse Direction

DuraKote™ White Polyester is available in a 2, 3, 4, and 7 mil thickness.

DuraKote™ White Polyester Technical Data Continued

Durability Testing

		Units	Test Conditions
Weatherability (1)	1	Months	Direct exposure
	NA	Months	Reverse print
	12	Months	Behind Glass
	48	Months	With UV block overlamine
Washing Machine	pass	--	50°C (120°F), 2.5 hours, centrifuge 400 RPM
Dish Washer	pass	--	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.