



Hanita Coatings



DURA KOTE

X12202

PRODUCT DATA

Dura-Kote™ 2 mil White Polyester Coated 2 Sides (3 mil with Coating)

General Specifications

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

MD* = Machine Direction

TD* = Transverse Direction

X12202 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 overlaminates |
| 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.

X12202 Technical Data Continued

Script Files

| | |
|------------------|--|
| Xeikon 32D, 50D | DKW075 |
| Agfa Chromapress | HWHP50 |
| 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. |