

RHUV-110a GLOSS & RHUV-200 GLOSS

SUBSTRATES Formulated for all kinds of paper, PC, PVC, copperplate paper, card, paper, synthetic paper and other materials.

FINISHED PRODUCTS / END USES

Books, calendar, general merchandise or posters etc.

PRODUCT INFORMATION

RHUV-110a Gloss High gloss, good flow capability, and excellent adhesion.

RHUV-200 Gloss High gloss, good flow capability, high durability, excellent adhesion and resist cracking when folded.

CHARACTERISTICS	Glossiness	Water Resistance	Alkali Resistance	Solvent Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-110a	95-98	Grade 5	Grade 5	Grade 5	Excellent	Good
RHUV-200	88-90	Grade 5	Grade 3	Grade 3	Excellent	Excellent

TECHNICAL PARAMETERS	Appearance	Viscosity @ 77°F (25°C)	Solidification/Curing Speed	Solidification/Curing Power	Resin
DESCRIPTION RHUV-110a	Milky white	340-420p	65-98 ft/min (20-30m/min)	≥70mj/cm ²	98%
RHUV-200	Milky White	330-350p	49-82 ft/min (15-25m/min)	≥110mj/cm ²	98.5%

APPLICATION INFORMATION

MESH Monofilament polyester mesh count 305-355 (120-140T metric), medium thread diameter with a good screen tension of at least 24-26 N/cm²

SQUEEGEE 65-75 durometer good quality polyurethane solvent resistance blade

COVERAGE

Approx. 376 - 409 square feet/kg (35-38m²/kg) with mesh count of 305 (120T metric)

CURE

By Ultra Violet curing unit, best with 2 medium/high voltage mercury-vapor lamps of at least 5 Kw to ensure sufficient power for curing.

ADDITIVES

Use UV Reducer (#1 or #2) to reduce viscosity

CLEAN UP

Use organic solvents to clean the screen and wait until it has evaporated before printing

NOTE:

1 RHUV-110, 200 products can meet printing requirements of most of the paper, but testing is required.

2 RHUV-110a does not have good resistance to fold and pressure.

3 RHUV-200 has good flexibility and adhesion. Stronger UV power is required to ensure thorough curing.

4 Pre-test before printing and see User Information for more details.

RH Solutions stands behind the quality of this product. RH Solutions cannot, however, guarantee the finished results because RH Solutions exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. User are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by another method. Any liability associated with the use of this product is limited to the value of the product purchased from RH Solutions.