



## RHUV-120b MATTE

### SUBSTRATES

Formulated paper, card, synthetic paper, PVC, PET, PC and other materials.

### FINISHED PRODUCTS / END USES

Packaging for wine, cigarettes, publishing material, calendar and cosmetic boxes etc.

### PRODUCT INFORMATION

Excellent matte effect on gloss substrates, smooth and close surface imaging characteristics with good adhesion on paper and plastic

CHARACTERISTICS	Glossiness	Water Resistance	Acid Resistance	Alkali Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-120b Matte	8-12	Grade 5	Grade 3	Grade 3	Good	Excellent

TECHNICAL PARAMETERS	Appearance	Viscosity @ 77°F (25°C)	Solidification/Curing Speed	Solidification/Curing Power	Resin
DESCRIPTION RHUV-120b Matte	Milky paste	300p	49-82 ft/min (15-25m/min)	≥120mj/cm <sup>2</sup>	98%

### APPLICATION INFORMATION

#### MESH

Monofilament polyester mesh count 254-355 (100-140T metric) medium thread diameter with a good screen tension of at least 24-26 N/cm<sup>2</sup>

#### SQUEEGEE

70-75 durometer good quality polyurethane solvent resistance blade

#### COVERAGE

Approx. 323-377-square ft/kg (30-35m<sup>2</sup>/kg) with mesh count 355 (140T metric)

#### CURE

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

#### ADDITIVES

Use UV Reducer (#1 or #2) to reduce viscosity and UV Adhesion Promoter to improve cure speed

#### CLEAN UP

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

#### NOTE:

- 1 RHUV-120b is a milky paste that is high in viscosity, thoroughly mix product before printing.
- 2 High gloss substrates may affect the matte effect of the product.
- 3 It is required to pretest before usage.
- 4 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.