

## RHUV-GLOSS FOR MATTE AND COATED MATERIALS

### SUBSTRATES

Formulated for all kinds of paper, coated PET film, BOPP film, matte paper, rigid PVC, ABS, PP plastic and other materials.

### FINISHED PRODUCTS / END USES

General merchandise and publishing materials, such as food packaging, cosmetic, audiovisual products, posters, magazines, pictorial etc.

### PRODUCT INFORMATION

High gloss, good flow capability and excellent adhesion, formulated for all kinds of matte lamination.

CHARACTERISTICS	Glossiness	Yellow Changing Resistance	Water Resistance	Alkali Resistance	Solvent Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-Gloss for Matte & Coated Materials	87-89	Adjustable	Grade 5	Grade 4	Grade 3	Excellent	Excellent

TECHNICAL PARAMETERS	Appearance	Viscosity @ 77°F (25°C)	Solidification/Curing Speed	Solidification/Curing Power	Resin
DESCRIPTION RHUV-Gloss for Matte & Coated Materials	Milky white	340-420p	49-82 ft/min (15-25m/min)	≥120mj/cm <sup>2</sup>	98%

### APPLICATION INFORMATION

#### MESH

Monofilament polyester mesh count 305-380 (120-152T metric), medium thread diameter with a good screen tension of at least 24-26 N/cm<sup>2</sup>

#### SQUEEGEE

65-75 durometer good quality polyurethane solvent resistance blade

#### COVERAGE

Approx. 376 - 430 square feet/kg (35-40m<sup>2</sup>/kg) with mesh count of 355 (140T 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 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-Gloss Series have excellent flexibility and formulated to be press ready. Thoroughly mix product before printing. To avoid risk of sticking together make sure the UV curing unit has good exhaust/ventilation. If the UV Unit does not have sufficient cooling separate substrate individually and reduce the temperature before stacking together.

2 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.