

RHUV-ABRASIVE (GOLDEN, SILVER, SMALL, MID AND STRONG)

SUBSTRATES Formulated for coated PVC, PETG, Acrylic, wood, paper, board and many other materials.

FINISHED PRODUCTS / END USES

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

PRODUCT INFORMATION

Excellent adhesion on substrate, high durability and sandy effect on finish.

CHARACTERISTICS	Sand Grains	Water Resistance	Acid Resistance	Alkali Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-Abrasive small – strong)	From fine to thick	Grade 5	Grade 5	Grade 5	Good	Excellent
RHUV-Abrasive for Plastic (#0501)	Adjustable	Grade 4	Grade 3	Grade 3	Good	Excellent

TECHNICAL PARAMETERS	Appearance	Viscosity @ 77°F (25°C)	Solidification/Curing Speed	Solidification/Curing Power	Resin
DESCRIPTION RHUV-Abrasive	Milky paste	150-250p	65-98 ft/min (20-30m/min)	≥120mj/cm ²	98%
RHUV-Abrasive for Plastic (#0501)	Milky paste	250-280p	48-82 ft/min (15-25m/min)	≥120mj/cm ²	97%

APPLICATION INFORMATION

MESH Strong - monofilament polyester mesh count 110-196 (43-77T metric); Mid – mesh count 196-305 (77-120T metric); Small – mesh count 305-380 (120-150T metric) medium thread diameter with a good screen tension of at least 24-26 N/cm² Plastic - monofilament polyester mesh count 110-158 (40-68T metric) medium thread diameter with a good screen tension of at least 24-26 N/cm²

SQUEEGEE 75-80 durometer good quality polyurethane solvent resistance blade

COVERAGE

Strong sand: 215 square ft/kg (20m²/kg), Mid sand: 269 square ft/kg (25m²/kg), Small sand: 377 square ft/kg (35m²/kg)

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 (#2 & #3) 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 The texture of (strong – small) sand can be adjusted by choosing various products suited for your desired application and/or mesh count.
- 2 The sand grain effect, appearance, odor and flexibility of the product can be adjusted to meet the requirements of high grade packaging for wine, cigarettes and many other industries.
- 3 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.