

RHUV-CORAL (BUBBLE)

SUBSTRATES

Formulated paper, wood, PVC and many other materials.

FINISHED PRODUCTS / END USES

Calendar, wine packaging and cosmetic boxes etc.

PRODUCT INFORMATION

Coral tree strip effect on the surface, which is distinct in space and lightness, branch sharp have bubble effect inside.

CHARACTERISTICS	Glossiness	Water Resistance	Scratch Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-Coral (Bubble)	Varies with substrate	Grade 5	Good	Good	Excellent

TECHNICAL PARAMETERS	Appearance	Viscosity @ 77°F (25°C)	Solidification/Curing Speed	Solidification/Curing Power	Resin
DESCRIPTION RHUV-Coral (Bubble)	Transparent liquid	100-120p	65-98 ft/min (20-30m/min)	≥60mj/cm ²	98%

APPLICATION INFORMATION

MESH Monofilament polyester mesh count 158-196 (60-80T metric) medium thread diameter with a good screen tension of at least 24-26 N/cm²
Use HD thread diameter for a thicker film deposit, better hand feel and coral effect.

SQUEEGEE

70-75 durometer good quality polyurethane solvent resistance blade

COVERAGE

Approx. 269-323 square ft/kg (25-30m²/kg) with mesh count 196 (72T 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 Coral Effect is also called Bubble, for close bubble effect; use 3-5% UV Reducer (#1 or #2) to adjust viscosity.
- 2 Mesh count, printing speed and pressure are important factors in determining the printing effect, it is recommended to print with high speed and advance printing technology.
- 3 The size of the strip can be adjust by the amount of time before product reaches curing machine. Usually the strip will be clear if it is cured right after printing, otherwise, it can be large and blurry.
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.