

## RHUV-ICY SNOW

### SUBSTRATES

Formulated for general paper, card, PVC, PC and other materials.

### FINISHED PRODUCTS / END USES

High grade packaging for wine and cigarette, calendar and gift-wrap etc.

### PRODUCT INFORMATION

Matte, ice effect on finish, dazzling and light glistening.

CHARACTERISTICS	Glossiness	Water Resistance	Alkali Resistance	Solvent Resistance	Flexibility	Adhesion
DESCRIPTION RHUV-Icy Snow	7-10	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-Icy Snow	Milky white	160-180p	65-98 ft/min (20-30m/min)	≥150mj/cm <sup>2</sup>	99.5%

### 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>. Mesh selection determines film deposit, gloss and speed of creating an Icy Snow effect.

**SQUEEGEE** 70-75 durometer good quality polyurethane solvent resistance blade

### COVERAGE

Approx. 430-486 square ft/kg (40-45m<sup>2</sup>/kg) with mesh count 355 (140T metric)

### CURE

By Ultra Violet curing unit, best with 2 or 3 high/medium voltage mercury-vapor lamps at least 5Kw to ensure sufficient UV power for curing. One lamp for creating ice and one/two 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 Icy Snow is usually printed on color substrates. The appearance and adhesion ability will affect the size and equality of ice, while the chroma is a factor in determining the ice effect.
- 2 Ice Snow effect can be controlled and adjusted by the UV curing unit conveyor speed.
- 3 Icy Snow has recommended curing requirement of 2 or 3 high/medium voltage mercury-vapor lamps are need for curing. One lamp for creating ice and the one/two are for curing.
- 4 Cured Icy Snow products are low odor, soft, good adhesion and fold resistance. It is suitable for high grade packaging printing.
5. 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.