

## TECHNICAL DATA SHEET GS 601 FINE MESH CLEAR BASE -WB

### 1. ADVANTAGES

- It is a water-based printing paste, with ZDHC Level 3 certificate, used in textile printing applications to obtain transparent or colorful printing effect by coloring with FA-FR series pigments.
- Quality result in photographic and detail prints
- Suitable to transfer printing
- Providing high vivid colors
- High elasticity
- Soft touching effect
- High dry-wet rubbing fastness
- High washing fastness

### 2. PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Unite	Limit	Standard
Appearance	-	Paste	In House
Color	-	Clear	In House
Odor	-	Characteristic	In House
Viscosity (25°C, 20 rpm)	cP	20000 - 40000	ISO 2884-2:2003
pH	-	6,0 – 7,0	ISO 19396-1:2017
Density (25 °C)	g/cm <sup>3</sup>	1,03 ± 0,05	ISO 2811-1:2016

### 3. APPLICATION

Parameter	Unite	Limit
Screen	Mesh	43-120
Squeegee	Shore	57-62
Squeegee Type	-	U
Curing Temperature	°C	160
Curing Time	minutes	Min.1,5
Number of Washes	times	5
Washing Temperature	°C	60

- In order to have more color productivity and elasticity in the print of GS 601 Fine Mesh Clear Base-WB, double print is advised with flash curing.
- For polyester fabrics that cause dye migration, our **SP 230 Anti Migration Base-WB** product should be printed as underbase.
- To reduce the viscosity **SP 209 Regulator - WB (1-3%)** can be used. **Never** use water to reduce the viscosity.
- If necessary, PS 07/SP 240/GS 603/XP 50/ES 53 can be applied on dark colored fabrics as underbase.
- Please stir the paste well before use. Do not use any additives that are not advised.
- The screen should be cleaned with the water after use.
- To color GS 601 Fine Mesh Clear Base-WB, FA series (1-5 %) or FR series (5-15 %) pigments are added.
- Rubbing and washing tests should be applied 24 hours after curing.

### 4. PACKAGING INFORMATION

- The product is packed in 20 kg plastic white bucket with lid and handle & 30 kg open top plastic barrel with black plastic lid and steel securing clamp ring.

### 5. STORAGE & SAFETY

- Keep containers dry and tightly closed. Store in a ventilated place between +5°C and +30°C (+41°F and +86°F) of temperature.
- It should be consumed within 12 months after the production date.
- It does not contain substances classified as harmful for inhalation and skin when used. For more information, please refer to the SDS.

### 6. ADDITIONAL INFO

The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use.