

GS 601 FINE MESH CLEAR BASE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing base used to obtain elastic and soft touching clear base for photographic printings and transfer printings.
It can be printed on white and light colored cotton and cotton-polyester blend fabrics.
Does not dry during the print and block the screen.
If cured correctly as advised, the dry-wet rubbing and washing fastness are high.
Rubbing and washing tests should be applied 24 hours after curing.
Suitable to ecological standards.

PHYSICAL-CHEMICAL PROPERTIES

Appearance : Transparent base
pH : 6-7,5 (25 °C/ 77 °F)
Density : 1,01 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 20 Brookfield] : 35.000 – 45.000 [mPa.s]

APPLICATION

Printing : In order to have more covering, elasticity, color productivity in white and light colored fabrics double print is advised with flash cure. To print on dark colored cotton fabrics, SP 240 - Snow White - WB, GS 603 Fine Mesh Clear White - WB or XP 50 White - WB should be used as underbase. To print on polyester fabrics which may cause dye migration, SP 230 Anti Migration - WB should be printed as underbase.

Screen : Silk screens that are made of 77 cm/195 inch mesh 48 micron silk - 120 cm/305 inch mesh 34 micron silk should be used.

Squeegee : 67 Shore V type squeegee should be used.

Mixture : In need of improving elasticity of GS 603 Fine Mesh White-WB, GS 601 Fine Mesh Clear Base-WB can be added.
To colour GS 601 Fine Mesh Clear Base-WB, FA series (1-5 %) or FR series (5-15 %) pigments are added.
To reduce the viscosity, GS 600 Regulator-WB can be added (1-3 %) into GS 601 Fine Mesh Clear Base-WB.
Never use water to reduce the viscosity. Before use, please stir the ink well. Do not use any additives that are not advised.
After using, the screen should be cleaned with water.

Curing : Should be cured at 160 °C/320°F for 1,5 minutes.

SAFETY and STORAGE

It does not contain harmful substances for inhalation and skin when used. However in case of contact to sensitive organs, such as eyes or mouth wash with plenty of water. If necessary, medical assistance is advised.
Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30) °C/(+41)-(+86)°F of temperature.
It should be consumed within 12 months after the production date.

PACKING

In 8 kg, 30 kg and 60 kg or 1 gal, 5 gal and 15 gal of plastic packings.



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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. When any help or assistance is required, our technical department is ready for help.