

XP 50 WHITE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing base used to obtain elastic and soft touching white.
It can be printed on 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 : White paste
pH : 6-7 (25 °C/ 77 °F)
Density : 1,32 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 4 Brookfield] : 250.000 – 350.000 [mPa.s]

APPLICATION

Printing: For more covering, whiteness and elasticity, double print is advised with flash cure.
To obtain the best elasticity the thickness of the film on the surface should not be thin.
To print on dark colored cotton-polyester blends and polyester fabrics, SP 230 Anti Migration - WB should be printed as underbase.

Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk - 55 cm/140 inch mesh 64 micron silk.

Squeegee : 55 – 57 Shore U type squeegee should be used.

Mixture : In need of improving elasticity of XP 50 White-WB, XP 30 Clear Base-WB can be added.
To color XP 50 White - WB, OP Series (1-5%) or FR Series (5-15%) pigments can be added.
To reduce the viscosity, SP 209 Regulator-WB can be added (1-3 %) into XP 50 White-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 the 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 10 kg, 40 kg and 60 kg or 1 gal and 5 gal of plastic packings.

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.



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