

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a Phthalate Free plastisol based printing paste used to achieve an elastic, soft touching and white covering effect in textile printing.
It can be printed on cotton fabrics.
Does not dry on 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.
It is phthalate free. However, it is not suitable to ecological standards because it contains PVC.

PHYSICAL-CHEMICAL PROPERTIES

Appearance : White paste
Odor : Slight
Density : 1,44 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 2 Brookfield] : 1.900.000 – 2.000.000 [mPa.s]

APPLICATION

Printing : In order to have more covering, whiteness and elasticity in the print of UP 311 White – PL double print is advised with flash cure.
UP 311 White – PL is used as a base printing paste with the printings of NF series colours.
Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk – 120 cm/305 inch mesh 34 micron silk should be used.
Squeegee : 67 – 70 Shore V type squeegee should be used.
Mixture : In need of improving elasticity of UP 311 White – PL, NF 60 Clear Base – PL can be added.
UP 311 White – PL can be mixed with NF series colours.
To reduce the viscosity, NF 55 Regulator – PL can be added (1-3 %) into UP 311 White – PL.
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 synthetic thinner.
Curing : Should be double cured at 160 °C/320 F for 1,5 minutes.

SAFETY and STORAGE

Printing should be done in ventilated places not to have inhalation problems. It does not harm the skin in case of contact. You should seek medical assistance in case of contact with organs like eyes and mouth.
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 and 30 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.