



Technical Data Sheet

- **Plastoprint Flash White**
- **Phthalate-free // White // Plastisol Screen Printing Ink**

PRODUCT DESCRIPTION

- **Plastoprint Flash White** is a Phthalate-free ,Pvc containing white, plastisol screen printing ink.
- With Plastoprint Flash White, high elasticity and soft touch is obtained in both manual and automatic printing systems.
- It is possible to obtain lighter color tones by putting Plastoprint colors into the product.
- It may be used as first layer covering white over dark color fabrics.
- In cases that the product needs to be thinned, the product can be diluted with 1-3% with **Plastoprint Thinner** (phthalate-free) product. It should be noted that the drying time of thinner applied- ink will be longer.
- In case of desire for thickening, **1-2% Plastisol Thickener TRN** may be added.
- For non-cotton surfaces or processed fabrics, **Plastisol Catalyzer TRN(%1-3)** may be added to in order to increase the adhesion of ink to the printed surface.
- It requires 2 minutes minimum fixing period of time at 160 degrees. **Phthalate-free products dry later than conventional plastisols with phthalate. Ideal drying time and temperature must be determined according to operating conditions by considering this situation.**
- Since the product is phthalate-free, it is required to ensure that all added colors and additive products are from Plastoprint serial.



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CHEMICAL AND PHYSICAL PROPERTIES

GENERAL INFORMATION

Physical status	: Paste
Color	: White
Odour	: Characteristic
Ph	: ND.(Not Available.)
Flashpoint	: ND.(Not Available.)
Explosion Limit	: ND.(Not Available.)
Density	: 1.4-1.6 g/ cm ³ 20 ⁰ C
Viscosity	: ≥ 3.100.000 cP (Haake viscosimeter Sp 7/1 rpm) 20 ⁰ C

APPLICATION FEATURES AND METHODS

Silk Numbers

It is possible to print with 12-150 mesh numbers of each type of silk .

It may vary depending on the desired printing type and effect.

Squeege

65,75 Sh hardness is recommended.

Fixing

Fixing conditions may vary depending on fixing capacity and type.

In infra-red (IR) systems, fixing times vary for different colors. Light colors become fixed later than the dark.

It requires average 2 minutes fixing time at 160⁰C.



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It is recommended to apply tests before proceeding to serial production by considering warnings in this technical information sheet and to pass to serial production after reaching satisfactory results.

Shelf Life:

It must be protected against freezing and kept away from direct sunlight. 1 year in unopened package.

Note: All printing tests should be done before proceeding to serial production. The information provided in this Technical Data Sheet is advisory, does not constitute guarantee, it may arise different results with different printing media and technologies.

Safety

While using this product, the information and recommendations provided in the **Safety Data Sheet** should be examined. Precautions required for the use of chemical should be taken sensitively.

APPROVAL