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## TECHNICAL DATA SHEET

# RUBBERIZE POLYWHITE M7480

### GENERAL INFORMATION

**Rubberize Polywhite M7480** is a brand new waterbase white underbase inks that used to prevent dye migration on prints. Unlike the conventional anti-migration ink that is grey in color, Rubberize Polywhite as its name suggests, is white in color which can be used as underbase directly. It makes tone design feasible. Rubberize Polywhite gives soft and lightweight prints. It is ready for use and can be screened or roller printed right out of its bucket. It is an excellent product for use as anti-migration on dark color polyester fabrics where poor migration blocking properties of sublimation or disperse dye were being used in dying the polyester fabric.

### TYPE OF FABRICS

Rubberize Polywhite is recommended as anti-migration underbase for Polyester Blends and Polyester fabric.

**ALWAYS PRETEST ANTI-MIGRATION PROPERTIES BEFORE PRODUCTION. OBSERVATION UNDER HUMID AND PERODICAL IF REQUIRED**

### APPLICATION METHOD

In order to obtain a better printing effect, a layer of Rubber M7100 Clear is recommended to be printed on bad migration colorfastness fabric before applying Rubberize Polywhite to the thickness required. Rubberize M7000 series ink can then be overprinted on it when the printed surface is fully dry.

To obtain excellent anti-migration properties, thickness of dry film of Rubberize Polywhite should be above 150 µm thickness.

### TYPE OF STENCIL & MESH

Use only water-resistant, direct in direct emulsion. Contact your emulsion supplier for water-resist emulsion.

- 32T to 49T mono-filament for heavy migration fabric (normally on polyester athletic or heavy jersey)
- 51T mono-filament common or normal polyester migration fabric.
- Screen tension should be around 30 Newton to 35 Newton.

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## SQUEEGEE AND TABLE

- For maximum ink deposit, 55/65 sore hardness double bevel squeegee is recommended.
- Soft tables are most suitable.
- Squeegee angle at 22.5º are recommended for higher deposit of ink.

## DRYING AND POLYMERIZATION

For maximum fastness, prints are to be cure at 150°C/302°F for 1.5 minutes. Air flow recommended is 2000 cfm/ 56 m3/min for good polymerization.

## PACKING AND STORAGE

Rubberize Polywhite is pack in 20 liters packing as well as 200 liters drum.

Store ink below 35°C /95°F. The product should not be prolonged exposure to frost or temperatures below 0°C /32°F.

## HANDLING, TOXICITY & HAZARD

Rubberize Polywhite is completely green which meets E1 standard on all RSL. Rubberize Polywhite is non-volatile (water base). It is made using renewable power (Solar) and from materials that are non-carcinogenic and non-hazardous to the environment.

## OTHERS IMPORTANT TIPS

Always flood screen with ink when printing with **Rubberize Polywhite** to prevent ink from drying on screen. Off-contact is required during printing. Off-contact distance should be adjusted depends on the type of fabrics used.

Flash curing temperature required is 220°C/428°F for 5 seconds.

**AVOID PRINTING DETAIL IMMEDIATELY AFTER FLASH CURING**