



# PRODUCT DATA SHEET

## GLACIER PLUS WHITE

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### XOLB-159

### Glacier Plus White

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#### Product Overview:

XOLB-159 Glacier Plus White has a soft, creamy consistency that is very easy to print, but also has very high opacity. It is excellent for printing on most substrates, such as 50/50 cotton polyester blend, 100% cotton and fleece fabrics. Glacier Plus White is soft, creamy and easy to print. It has excellent opacity, good flash times and that incredible "whiteness." It also holds dot and fine detail that puts its rivals to shame. It exhibits excellent low-bleed qualities.

#### Printing:

Screen meshes in the range of 83-160 TPI (32-62 TPcm) are recommended for best opacity. Glacier Plus White will print through up to a 305 TPI (120 TPcm) with excellent opacity. Screens stretched to a minimum of 25 newtons are recommended. If using lower tension screens, adjust off contact accordingly. Use just enough squeegee pressure to deposit the ink on the surface of the shirt. This enhances opacity and helps ensure a good cure. Try not to drive the ink into the fabric. Squeegees in the 70 durometer range, with a sharp edge, work well.

#### Stencil:

Use any direct emulsion or capillary film.

#### Substrates:

Glacier Plus White is designed to provide maximum opacity on dark fabrics, 100% cotton or 50/50 cotton polyester blend fabrics. It has good "low-bleed" qualities.

#### Modifiers:

Glacier Plus White is a ready-to-use ink. Modification is not necessary unless you're trying to achieve a special effect or use. Any extenders will affect opacity. Glacier Plus White has excellent shelf life and, with cool storage, will maintain its creamy consistency.

#### Flashing:

Depending on your flash unit, Glacier Plus White will flash in 3 seconds when at 10 watts per sq. in./heating area (per sq. 2.54cm/heating area) or in 4-5 seconds when at 6-7 watts per sq. in. /heating area (per sq. 2.54cm/heating area).

#### Curing:

Cure at 325°F (162°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

#### Cleanup:

Use any of the commercially available products for the cleanup of plastisol inks.

#### Environmentally Friendly:

QCM Plastisol Ink contains no leaded pigments and, when properly disposed of, has no environmental impact. Use a screen wash for plastisols for cleanup. Scrape screens carefully and store ink for reuse. Minimize unusable scrap ink by segregating ink by color.