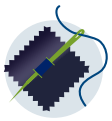
International Coatings™
Textile Screen Printing Inks

# BLAZE LOW BLEED WHITE™ 7042

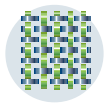
FlexCure™



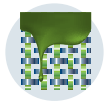
## RECOMMENDED FABRICS
100% Cotton
Cotton/Polyester Blends Some Polyesters

## INK APPLICATION
Blaze Low Bleed White™ 7042 should be used right from the container without any modifications

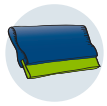
## ADDITIVES
If modification is necessary, use 1% to 10% by weight of 1099 Low Bleed Curable Reducer



## SCREEN MESH
60-230 t/in (24-90t/cm) monofilament



## EMULSION
Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



## SQUEEGEE
65-75 Durometer
Sharp edge

## CURE TEMPERATURES
290°F (143°C) to 325°F (163°C) for one minute. Dependent on dryer speed and temperature settings

## CLEAN-UP
Any eco-friendly plastisol screen wash

## PRODUCT PACKAGING
1 gallon, 5 gallon, 30 gallon or 50 gallon containers

## STORAGE OF INK CONTAINERS
65° to 90°F (18°C to 32°C)
Avoid storage in direct sunlight
Keep containers well sealed

## SDS
Refer to SDS prior to use

## FEATURES

Blaze Low Bleed White™ 7042 is a low bleed, high pigment, fast flashing, low tack, non-phthalate plastisol screen printing ink.

Blaze Low Bleed White™ 7042 has a creamy viscosity with a medium body.

Blaze Low Bleed White™ 7042 is formulated to make printing opaque white easy on both hand and auto printing equipment. Hand printing is less tiring because less squeegee pressure is needed. The result is improved operator performance. Automatic equipment can be adjusted to lower pressure settings, thus improving screen life, squeegee durability and overall print quality.

Blaze Low Bleed White™ 7042 offers superior results through its brightness, opacity, soft hand and fast production speed.

Blaze Low Bleed White™ 7042 prints more easily than other opaque whites. You will find that a finer screen mesh can be used to achieve the same opacity as a more open mesh. This means less ink will be needed, a real money saver in terms of ink usage. It also means a softer hand on flashed fabrics.

## SPOT FLASHING

Blaze Low Bleed White™ 7042 will spot dry, with a very low after flash tack. Dwell time is dependent on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should be just dry to the touch, with no lift off, but not totally fused. Totally fusing the underprint may cause inter-coat adhesion problems with the inks printed on top. Final fusing or curing should occur in the dryer.

## IMPORTANT INFORMATION

Blaze Low Bleed White™ is a low bleed ink, not a non-bleed ink. On some types of fabric, bleeding or dye migration may occur. Always test print the fabric to be printed before beginning production. It is best to do some long term testing on fabrics to determine if they are going to bleed. Bleeding or dye migration may not occur right away.

Newly reformulated, Blaze Low Bleed White™ is now part of our FlexCure™ line of products. FlexCure™ inks can be cured at temperatures ranging from a low 290°F (143°C) to the 'standard' 325°F (163°C). This range allows greater flexibility for printers who print on heat- sensitive fabrics or who want to reduce their energy costs and carbon footprint.

Adding any reducers or additives can lower the bleed resistance, opacity, or increase cure times of ink. **STIR** the ink prior to printing on press and after addition of reducers or additives.

Test dryer temperatures and wash test printed product before and during a production run.

## LEGAL DISCLAIMER



REV. 2600001

13929 166th St., Cerritos, CA 90703 • PH (800) 423-4103 or (562) 926-1010 • FAX (562) 926-9486 • E-mail icinfo@iccink.com • www.iccink.com