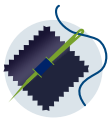
International Coatings™
Textile Screen Printing Inks

POLY WHITE 741

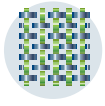
°Flex°Cure™



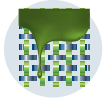
RECOMMENDED FABRICS
Cotton/Polyester Blends
100% Polyester

INK APPLICATION
Poly White 741 should be used right from the container without any modifications

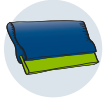
ADDITIVES
If modification is necessary, use 1% to 10% by weight of 1099 Low Bleed Curable Reducer



SCREEN MESH
60-160 t/in (24-43 t/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
275ºF-325ºF (135ºC-163ºC) entire ink film

CLEAN-UP
Any eco-friendly plastisol screen wash

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

STORAGE OF INK CONTAINERS
65º to 90ºF (18ºC to 32ºC)
Avoid storage in direct sunlight
Keep containers well sealed

SDS
Refer to SDS prior to use

FEATURES

741 Poly White is a ultra low bleed, high pigment, fast flashing, low tack, non-phthalate plastisol screen printing ink.

Poly White 741 is specifically formulated to help block dye migration problems on various problem polyester content fabrics.

SPECIAL RECOMMENDATIONS

For optimum bleed resistance, use an 86 t/in or 34 t/cm mesh screen base plate and overprint with an 110 t/in or 43 t/cm mesh screen Avoid over-flashing, as it can result in poor inter-coat adhesion of overprinted colors or increased dye migration. Adjust flash settings so that the ink is just dry to the touch.

For ultimate bleed resistance, print-flash-print-flash 2 basecoats of Guardian Gray™ 7043 through either an 110 t/in or 43 t/cm mesh screen or an 86 t/in or 34 t/cm mesh screen. Followed by print-flash-print 2 topcoats of Poly White 741 through an 110 t/in or 43 t/cm mesh screen. Again, avoid over-flashing, as it can result in poor inter-coat adhesion of overprinted colors or increased dye migration. Adjust flash settings so that the ink is just dry to the touch.

IMPORTANT INFORMATION

Poly White 741 is an ultra 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.

Dwell time should be increased to adjust for thick ink deposit. Failure to fuse the ink properly may result in cracking, poor adhesion and poor wash fastness. Higher than recommended temperatures or longer than necessary dwell times may increase dye migration.

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.

DISCLAIMER

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