



## WILFLEX® BRIGHT TIGER™ #11480HT

### DESCRIPTION

Wilflex 11480HT Bright Tiger is an extremely true, optically bright white ink formulated to give excellent printability across a range of screen printing applications. Bright Tiger's excellent opacity, fiber mat down, low gloss level, and good flash properties permit it to be utilized as both a stand-alone and an underbase white.

### PRINTER'S PARAMETERS

<b>Substrates</b>	100% cotton, cotton blends, some synthetics
<b>Bleed resistance</b>	Good
<b>Mesh (on darks)</b>	86-125 t/in (34-48 t/cm)
<b>Mesh (underbasing)</b>	140-230 t/in (55-90 t/cm)
<b>Mesh (fine line)</b>	195 to 305 t/in (77-120 t/cm)
<b>Tension (newtons)</b>	15-20 acceptable, 25-35 recommended
<b>Stencil emulsion</b>	Direct, indirect & capillary
<b>Squeegee type</b>	60-80 durometer. Dual (70/90) or triple (70/90/70)
<b>Squeegee blade</b>	Slightly dulled (coarse mesh), sharp (fine mesh)
<b>Squeegee angle</b>	Avoid excess pressure
<b>Squeegee speed</b>	Maximum
<b>Gel temp</b>	160-180 F (71-82 C)
<b>Cure temp</b>	320 F (160 C) entire film
<b>Extender</b>	None
<b>Reducer</b>	5 percent max (by weight) Curable Reducer #10070
<b>Caution</b>	Do not stack hot
<b>Storage</b>	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
<b>Wash-up</b>	Wilflex Screen Wash
<b>Health &amp; Safety</b>	Available upon request

### FEATURES

- Optically bright white
- Matte finish
- Prints through fine meshes
- Use as a first-down, underbase flash white or an overprint stand-alone white.
- Good bleed resistance
- Odorless

### SPECIAL RECOMMENDATIONS

- Pre-test Bright Tiger on light colored or stone washed garments. Avoid stacking printed garments hot because such colors are more prone to color distortion. Fabric and dye characteristics can vary between manufacturers and from dye lot to lot. Bright Tiger is a low-bleed, NOT a non-bleed ink.
- A heavy flood stroke that fully fills the open areas of the stencil with ink is recommended.
- For one-hit opacity through coarse meshes, use a coating procedure that builds a thick, even stencil to ensure a good column height of ink.
- To increase production speeds, use finer mesh counts for the flash plate to decrease gel time. Set flash dwell times on heated pallets to simulate production. Adjust your settings so that the ink is just dry to the touch.
- Avoid overflashing, as it can result in poor inter-coat adhesion of overprint colors.
- Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion, unacceptable durability and increased likelihood of dye migration.
- Stir plastisols prior to printing.
- Do not dry clean, bleach or iron printed area.
- Any application not referenced in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing (US - 800-735-4353).

Effective 02/22/2001. Not all Wilflex products are available in every country. The information in this publication is based on information and experience believed reliable. Since many factors may affect processing for an application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.