



WILFLEX® 11815HT White Buffalo

DESCRIPTION

Wilflex White Buffalo is an extremely bright white ink formulated to give excellent printability across a range of screen printing applications. White Buffalo'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 under base white.

PRINTER'S PARAMETERS

Substrates	100% cotton, cotton blends, some synthetics
Bleed resistance	Good
Mesh (on darks)	86-230 t/in (34-90 t/cm)
Mesh (underbasing)	140-280 t/in (55-100 t/cm)
Mesh (fine line)	195 to 355 t/in (77-140 t/cm)
Tension (newtons)	20 acceptable, 25-35 recommended
Stencil emulsion	Direct, indirect & capillary
Squeegee type	60-80 durometer. Dual (70/90) or triple (70/90/70)
Squeegee blade	sharp (fine mesh)
Squeegee angle	Avoid excess pressure
Squeegee speed	Maximum
Gel temp	160-180 F (71-82 C)
Cure temp	320 F (160 C) entire film
Extender	None
Reducer	5 percent max (by weight) Curable Reducer #10070
Caution	Do not stack hot
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash
Health & Safety	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 White Buffalo 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. White Buffalo is a low-bleed, NOT a non-bleed ink.
- A heavy pressure flood stroke should fully fill the open areas of the stencil with ink .
- 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 over-flashing, 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 - 800-326-0226).
www.techserviceswilflex@polyone.com

ORDER INFORMATION

FO20007691QC	5 gallon expandable
FO20007691D2	50 gallon fiber drum, with liner
FO20007691D3	30 gallon fiber drum with liner
FO20007691D8	50 gallon fiber drum no liner
FO20007691ES	30 gallon fiber drum, no liner
FO20007691EV	50 gallon metal drum, no liner
FO20007691EW	50 gallon metal drum with liner
FO20007691L5	5 liter
FO20007691SL	1 gallon expandable
FO20007691SO	1 liter expandable -SAMPLE
FO20007691TT	Tote

Effective 03/23/2004. 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.

