PLASTISOL SCREEN PRINITNG INKS

WILFLEX ® MCV-FF FAST FUSION INKS

11000MCVFF White / 19000MCVFF Black / 10000MCVFF Clear / 18800MCVFF Base

DESCRIPTION

MCVFF Fast Fusion plastisols are formulated to cure at lower temperatures than conventional plastisols and are ideal for printing on heat-sensitive and stretch fabrics. Colors made with 18800MCVFF Base are recommended for light or pastel garments. MCVFF has similar characteristics to SSVFF but with lower opacity and higher gloss.

PRINTER'S PARAMETERS

Substrates	100% cotton, cotton blends, acrylics, some polyesters. Light garments
Mesh	140-305 t/in (55-120 t/cm) for garments, 74-110 t/in (24-43 t/cm) for mat printing
Tension (newtons)	25+ recommended
Stencil emulsion	Direct, indirect & capillary
Squeegee type	85 or triple (60/90/60) durometer
Squeegee blade	Sharp
Squeegee angle	30 degrees
Squeegee speed	Maximum
Gel temp	170-190 F (75-88 C)
Cure temp	270 F (132 C) entire film
Extender	None
Reducer	Up to 3% (by weight) Reducer #11 OR 10% (by weight) Curable Reducer 10070
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash
Health & Safety data	Available upon request

FEATURES

- Fast fusing - ink fuses at 270 F
- Excellent durability and tensile strength
- Ideal for printing carpet/woven mats and Lycra or stretch fabrics.
- Less opaque, more gloss than SSVFF

SPECIAL RECOMMENDATIONS

- MCVFF inks re-melt at 300 F (149 C) and may be cold-peel transferred at this temperature. Conventional heat transfers can be produced on coated stock.
- Wilflex MCV-FF is 100 percent solvent-free and cannot be air-dried.
- 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. Testing procedures for plastisol fusion are outlined in the Wilflex User's Manual.
- Stir plastisols prior to printing.
- Do not dry clean, bleach, iron the 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)

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