WILFLEX® SSV MIRACLE CLEAR #10160SSV

Seal Fabric with Bleed Resistance

GENERAL DESCRIPTION

Miracle Clear is a frosted plastisol clear to be printed, gelled and subsequently, printed upon with other plastisol inks. Miracle Clear speeds production by acting as a barrier between the ink and the garment. Miracle Clear offers exceptional bleed-resistance and fiber mat-down. Flash times are extremely fast, and the gelled frosted plastisol is not tacky after flashing. Miracle Clear provides an excellent "substrate" for multi-color printing when the clear is properly gelled or flashed.

PRINTER'S PARAMETERS

Substrates	
Bleed resistance	Excellent
Mesh (coarse fleece)	86 t/in (34 t/cm)
Mesh (general apps/jersey knit)	125 t/in (49 t/cm)
Mesh (woven)	140 t/in (55 t/cm)
Stencil emulsion	Direct or capillary
Squeegee type	Medium durometer
Squeegee pressure	Minimal
Gel temp	170-190 F (75-88 C)
Cure temp	320 F (160 C) entire film
Extender	None
Reducer	None
Caution	Bleed resistance is compromised by over heating/over flashing
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

- Creates a barrier between the ink and the fabric
- Excellent bleed resistance and fiber mat-down
- Fast flashing
- Low or no after-flash tack

SPECIAL RECOMMENDATIONS

- Specific mesh selection depends on many factors, including screen tension, emulsion and substrate characteristics.
- When flash curing Miracle Clear, the frosted plastisol should only be heated to the gel stage and not fully cured. The temperature of both the fabric platen and the heating element should be monitored and dwell time adjusted as heat builds.
- 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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