PRODUCT INFORMATION BULLETIN

PERM170 PERMA WHITE

Perma White is formulated to print on 100% Polyester garments. PERM170 exhibits excellent bleed resistance with very good opacity, coverage, printability, and fiber mat down. It has a long body that produces a medium hand print with low after flash tack. Widely popular with manual and automatic printers alike.

Highlights

- Perma White is formulated to be ready for use.
- It is an excellent ink for use on polyester fabrics.
- This ink has outstanding dye migration resistance
- Works great as a stand alone or as an underbase
- It shows great stretch at lower meshes

Printing Tips

- Higher mesh counts can be used but bleed may result.
- Use enough squeegee pressure to deposit the ink on the surface of the shirt, try not to drive the ink into the fabric.
- Be sure to cure fully without going over 320°F.
- Poly inks often benefit from Dual durometer squeegees such as 60/90/60 and 70/90/70.

Compliance

- Internationally compliant
- Non-phthalate
- https://www.avientspecialtyinks.com/services/compliance-support

Precautions

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications.

Recommended Parameters

Fabric Types
Polyester

Flash & Cure
Flash: 210-230°F (99°C-110°C) on pre-heated pallets
Cure: 60 seconds at 320°F(148°C)

Clean Up
Standard plastisol cleaners, press wash, or ink degradant

Mesh
Count: 86-110
Tension: 25n/cm3

Pigment Loading
Not recommended

Health & Safety
Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

Squeegee
Durometer: 70 or 80
Profile: Square
Stroke: x2 stroke, slower speed
Angle: 10-20%

Additives
Any extenders or modifiers will effect opacity.

Stencil
Standard Emulsion
Off Contact: 1/16” (2mm) or greater
Emulsion Over Mesh: 15-20%

Storage
65 -95 °F (18 -35° C) Avoid direct sunlight

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