## PERM170 PERMA WHITE



PERM170 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 Printing Tips** Perma White is formulated to be ready for use Higher mesh counts can be used but bleed may result. Use enough squeegee pressure to deposit the ink on the surface of the shirt, It is an excellent ink for use on polyester fabrics try not to drive the ink into the fabric. This ink has outstanding dye migration resistance Be sure to cure fully without going over 320°F. Works great as a stand alone or as an underbase Poly inks often benefit from Dual durometer squeegees such as 60/90/60 and 70/90/70. It shows great stretch at lower meshes 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 (160°C)



#### Mesh

Count: 86-110 t/in Tension: 25n/cm3



#### **Pigment Loading**

Not recommended



# Health & Safety

Clean Up

ink degradant

Find SDS information here: www.avient.com/resources/safety-datasheets or contact your local CSR

Standard plastisol cleaners, press wash, or



#### Squeegee

Durometer: 70 or 80 Profile: Square

Stroke: x2 stroke, slower speed

Angle: 10-20%



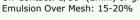
#### **Additives**

Any extenders or modifiers will effect opacity.



#### Stencil

Standard Emulsion Off Contact: 1/16" (2mm) or greater





#### Storage

65 -95 °F (18 -35° C) Avoid direct sunlight Use within one year of receipt.

Use within one year of receipt Keep container well sealed.



AVIENT SPECIALTY

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