

DuPont™ Artistri®

P5000+ SERIES PIGMENT INK

APPLICATION GUIDELINE

Fusing of DuPont™ Artistri® P5000+ Series Pigment Ink

A thermal fixation post-treatment step is required for maximum fastness and durability of the images printed with DuPont™ Artistri® P5000+ Series Pigment Ink. This fixation step may be carried out with a traditional fabric oven, a fabric calender, or a fuser press.

Recommended Conditions for Fixation of DuPont™ Artistri® P5000+ Series Pigment Ink:

For Calender or Fuser-press Fixation:

Fabric Type	Fusing Temp.*	Dwell Time**	Pressure
Knitted cotton	170C	2 min	10psi

*Dwell time for calender fixation begins when the leading edge of the printed image makes contact with the heated metal drum and ends when the same leading edge breaks contact with the metal drum surface.

** Dwell time for oven fixation begins when the leading edge of the printed image enters the heat zone and ends when the same leading edge exits the heat zone.

For Oven Fixation:

Fabric Type	Fusing Temp.*	Dwell Time***
Knitted cotton	170C	2 min

***Equipment temperature settings should be calibrated using a thermocouple or infra-red thermometer.

The conditions listed above are general guidelines for the fixation of DuPont™ Artistri® P5000+ Series Pigment Ink. Due to potential differences in the fabric or garment as well as potential differences in fusing equipment, these general guidelines may not be sufficient or applicable in all cases. Each customer should carry out on-site tests to identify the optimal fusing conditions for their preferred fabrics and equipment set-up.

Copyright © 2008 DuPont. The DuPont Oval Logo, DuPont™, The miracles of science™ and Artistri® are registered trademarks or trademarks of DuPont or its affiliates. All rights reserved. K-15831-1 07/08

The information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use. We recommend that customers satisfy themselves that each product meets their requirements in all respects. This information is being provided by DuPont free of charge as a courtesy to DuPont's customers, and DuPont HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. Subject to change without notice. All sales are subject to our standard terms and conditions of sale.



The miracles of science™