

## WOW PROCESS INKS



WOW Process inks offer wet-on-wet printing in the CMYK process format.

## Highlights

- QCM Four Color Process Inks are transparent plastisols formulated to achieve the most accurate 4 color process reproductions.
- These colors are finely milled, allowing the ink to pass easily through 405 TPI (159 TPcm) mesh resulting in minimal ink deposits.
- QCM's well-known 4C Process inks are highly suitable and work well for extremely accurate and consistent 4-color process.
- Direct 4 color process inks for printing on white or light cotton colors.
- WOW-219 PROCESS YELLOW WOW-492 PROCESS MAGENTA WOW-523 PROCESS CYAN BLUE WOW-920 PROCESS BLACK

## Compliance

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









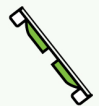


## Precautions

- 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.

## Printing Tips

- Prints best through 300-355 meshes.
- Screens stretched to a minimum of 25 newtons are recommended.
- Use just enough squeegee pressure to deposit the ink on the surface of the shirt. This will enhance the opacity and also ensure a better cure. Try not to drive the ink into the fabric.
- A 70 - 80 durometer sharp squeegee is recommended.
- Use squeegee pressure control to adjust vibrancy.
- QCM Process inks are ready to use out of the container. If reducing strength of any one of the four colors is necessary, use QCM WOW-1001 Halftone Base to cut the intensity of the ink without altering color value.

## Recommended Parameters

 <b>Fabric Types</b> Cotton	 <b>Flash &amp; Cure</b> Flash: 140-150°F on pre-heated pallets Cure: 325°F	 <b>Clean Up</b> Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant
 <b>Mesh</b> Counts: 300-355 Tension: 20n/cm3	 <b>Pigment Loading</b> N/A	 <b>Health &amp; Safety</b> Find SDS information here: <a href="http://www.avient.com/resources/safety-data-sheets">www.avient.com/resources/safety-data-sheets</a> or contact your local CSR
 <b>Squeegee</b> 70, 80, 60/90/60 Profile: Square Stroke: 1 Angle: 10-15%	 <b>Additives</b> N/A	<p>2021, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.</p>
 <b>Stencil</b> Standard Emulsion Off Contact: 1/16" (2mm) or greater Emulsion Over Mesh: 15-20%	 <b>Storage</b> 65 -95° F (18 -35 °C) Avoid direct sunlight	
	AVIENT SPECIALTY INKS	V1.01 (Modified: 03/11/2021)