



## **TECHNICAL DATA SHEET**

### **301 ECO-Series WATER-BASED INK SYSTEM**

#### **APPLICATION\*\* INFORMATION**

For use on cotton, poly/cotton blend, 100% polyester and Lycra blend fabrics.

<b><u>MESH</u></b>	80 to 305
<b><u>STENCIL</u></b>	A water proof direct emulsion or capillary film should be used for optimal performance.
<b><u>SQUEEGEE</u></b>	60-80 Durometer square edge
<b><u>PRINTING</u></b>	<p>For best performance heat the pallets to 140 degrees F. before printing. For light color fabric use Matsui ECO-Series RC through a high mesh screen. For dark color fabric the use of 301W High Opaque base as an under-base. For a softer hand use Matsui's DSPS or DSM-2 discharge systems. Screens should be flooded if printing is stopped for extended periods of time.</p> <p>For printing on 100% polyester or Lycra fabrics Matsui's 301 Stretch Clear Base or 301 Stretch White Base can be used as an under base.</p>
<b><u>DRYING</u></b>	The 301ECO-Series ink must be cured for 2.5 to 3 minutes at 300 to 320 degrees F.
<b><u>CLEAN UP</u></b>	Use water and mild soap to wipe screens, screen frames, squeegees and any surfaces in contact with ink.

\*\* It is the responsibility of the printer to test and determine suitability of all products before a production run. Application techniques may vary.