

## Technical Data Sheet

### Digitally Printed Products

With our Fusion product line, you can apply any image to the surface of our selection of substrates using our digital printing process. Digital printing has many advantages including image durability. ATI has tested our digitally printed products for durability on our substrates to ensure a long-life cycle for your product.

#### **Digital Print Durability**

Durability is the ability to withstand ‘wear and tear’ from the different sources of potential damage to which the product may be exposed. These sources of damage include UV exposure, scratch and abrasion damage and water/chemical damage. Test results seen below:

<b>Test Property</b>	<b>Result</b>	<b>Test Method</b>
<b>Scratch Resistance</b>	High	ISO 1518-2:2011
<b>Abrasion Resistance</b>	Medium	ASTM F1571-95 (2008)
<b>Water</b>	High	ASTM F1571-95 (2008)
<b>Windex</b>	High	ASTM D543
<b>Ethanol</b>	Medium	ASTM D543
<b>Isopropyl</b>	Medium	ASTM D543
<b>Digital Ink Light Fade Resistance</b>	Outdoor (3 years)	SAE J2527
<b>Digital Ink Light Fade Resistance</b>	Indoor in window (5 years)	SAE J2527
<b>Digital Ink Light Fade Resistance</b>	Indoor in window (200 years)	SAE J2527

**Substrates Tested:** Aluminum Composite Panel, High Impact Digital Styrene, Clear Substrates, LuxCore Plus