



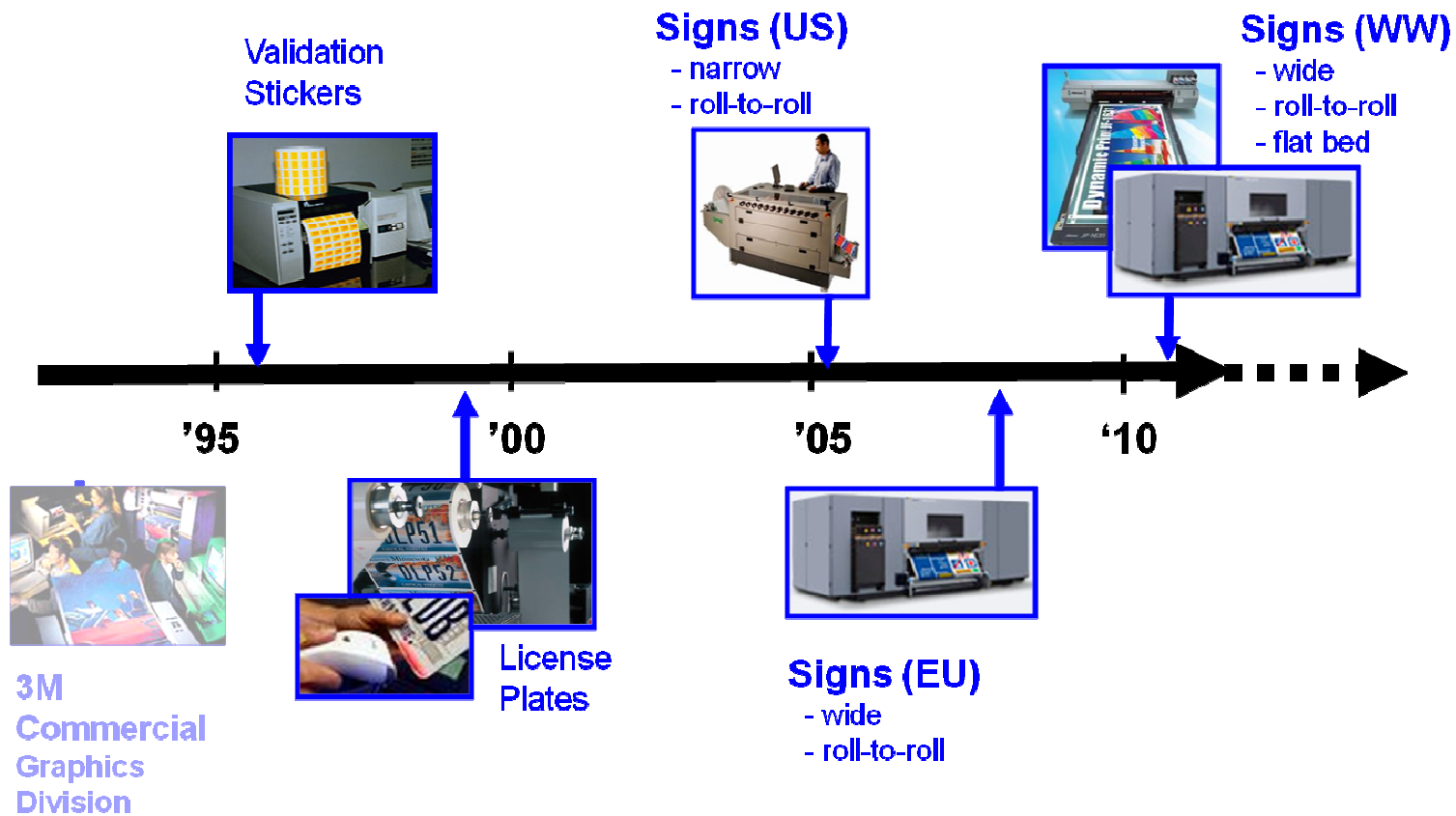
Science.
Applied to Life.™

Solutions for Digital Printing of Traffic Signs

Rob Scarcello
rtscarcello@mmm.com
651-736-6887

June 7, 2016

3M Digital Printing History



A collection of various traffic signs including regulatory, warning, and informational signs.

- Regulatory Signs:**
 - W1-30:** A white rectangular sign with a red octagon containing the word "STOP" and the text "HERE FOR" with a black silhouette of a person walking.
 - R10-4:** A white rectangular sign with a black border, the text "PUSH BUTTON FOR GREEN", and a green circle with a white arrow pointing left.
 - R5-6:** A white rectangular sign with a black border, a black silhouette of a bicycle, and a red circle with a diagonal slash over it.
 - R7-23:** A white rectangular sign with a green circle containing a white "P" and the text "8:30 AM TO 5:30 PM" with a double-headed green arrow below it.
- Warning Signs:**
 - D1-3a:** A yellow diamond-shaped sign with a black silhouette of a bison.
- Informational Signs:**
 - D12-1:** A blue rectangular sign with the text "WEATHER INFO", "TUNE RADIO TO", "750 1230", and "96.3 FM".
 - D10-5:** A green rectangular sign with the text "WEST", "12 MILE", "260", and ".2".
 - D1-3a:** A green rectangular sign with the text "Troy 35", "← Utica 15", and "Albany 30 →".
 - Interstate Route Sign:** A blue shield-shaped sign with the text "INTERSTATE" at the top, "22" in the center, and "Interstate Route Sign M1-1" below it.
 - Exit Sign:** A green rectangular sign with the text "EXIT 168B", "EAST TOLL BRIDGE", "Bellevue", "Redmond", and "1/4 MILE" with a white arrow pointing right and a small inset of the Interstate 5 shield.
 - Half w/no Overlap:** A brown rectangular sign with the text "Great Smoky Mts National Park" and a white arrow pointing right.
- Other Signs:**
 - Fondren Rd:** A purple rectangular sign with the text "Fondren Rd" and "EXIT 3/4 MILE".
 - Tollway Purple:** A purple rectangular sign with the text "Tollway Purple".

Custom Color Applications

- Interstate Logos
- Wayfinding
- Tourism
- Logo Street Name Signs
- Airport Signage



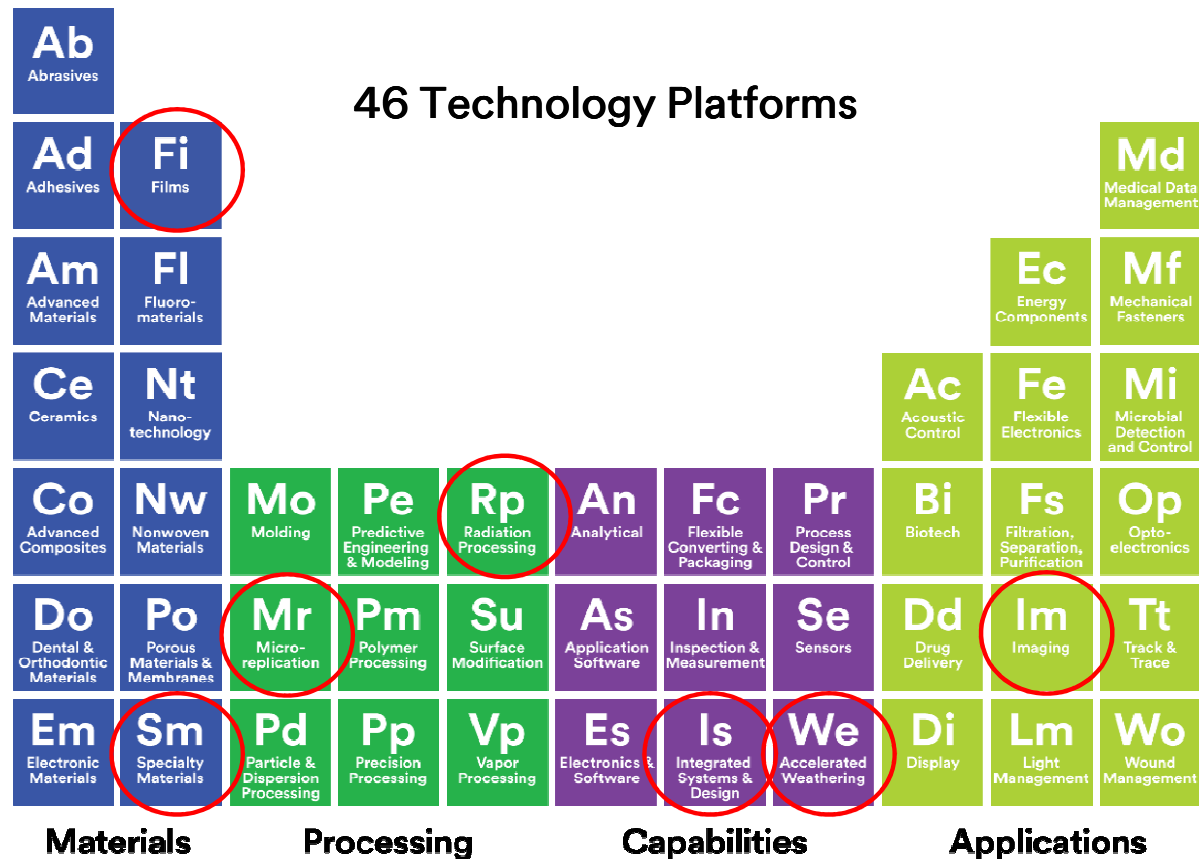
EFI™ H1625-RS UV Inkjet Printer



System Overview

- UV Inkjet Printer that operates in roll-to-roll format
- Capable of printing traffic colors, custom colors and full process color signage
- Compatible with 3M prismatic retroreflective sign sheeting
- Finished graphics will carry 3M™ MCS™ Warranty
- 3M Inks with high transparency and rich color
- Durable, clear acrylic overlay film

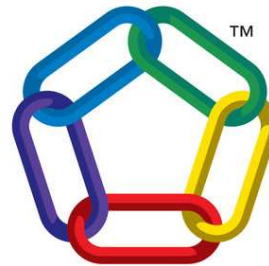
Applying technologies across diverse areas of expertise



Testing and Assurance

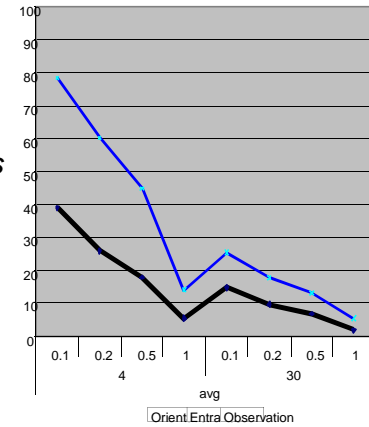


Machine and Outdoor Accelerated Weathering

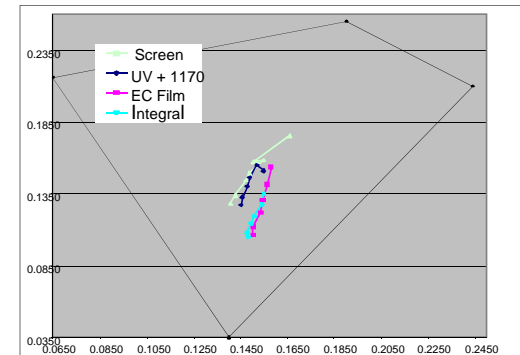


3M™ MCS™ Warranty

Brightness

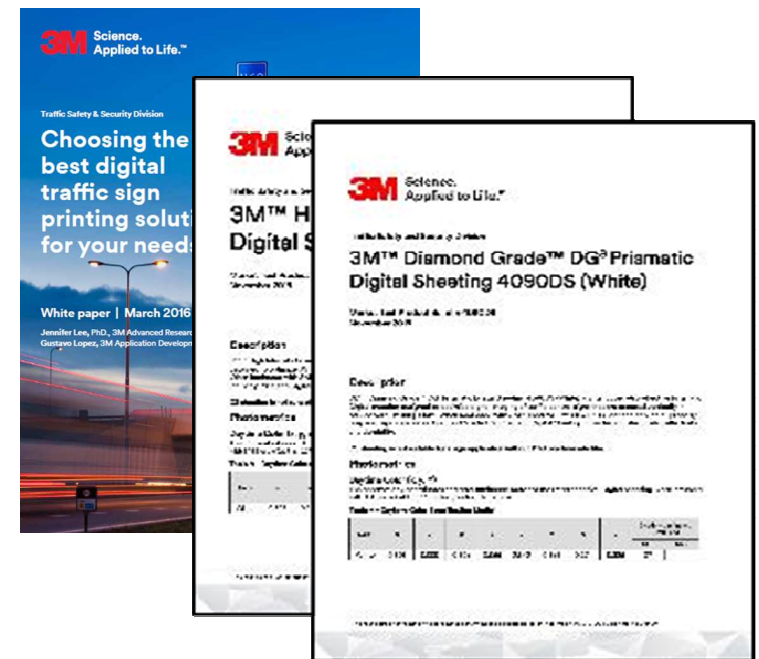
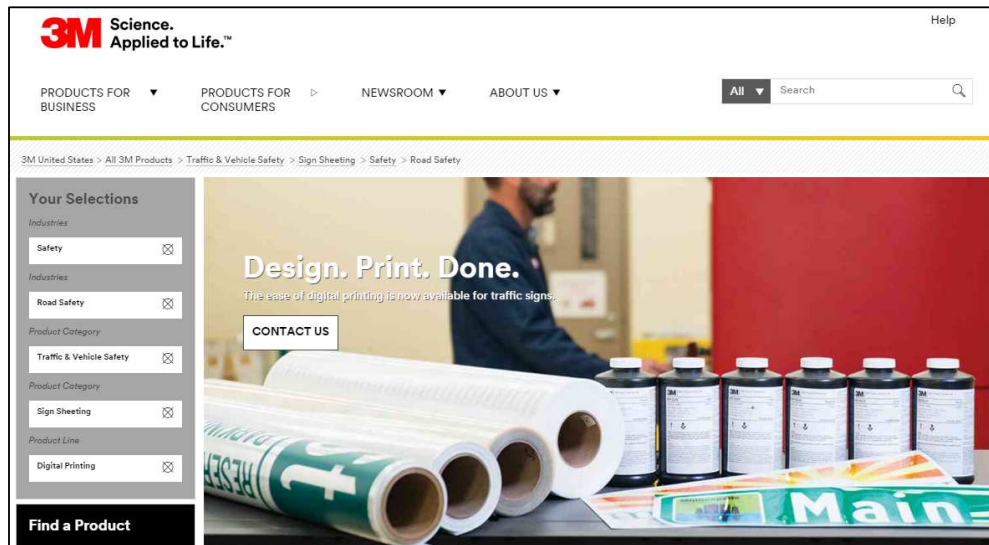


Color (Day, Night)



Supporting Resources

www.mmm.com/digital4traffic



Warranty Information, Product Bulletins, Videos, Digital White Paper

Thank you!