

PPG TESLIN® label stock expands digital opportunities for major US converter



"Teslin label stock is a great, durable product. It's extremely unique and not at all like a generic polypropylene which might be offered by ten different vendors."

JOHN ABBOTT, President, Abbott Label
(Pictured here on left with Whitney Watson, Abbott Labels' Digital Press Department Manager)



Challenge

Abbott Label is a narrow-web converter headquartered in Dallas, Texas. Established in 2000, John Abbott and his father, Jerry, have propelled the phenomenal growth of the company. Today, the company has four manufacturing facilities (Dallas, Atlanta, Los Angeles and Chicago) totaling 210,000 square feet and one of the broadest product offerings of any wholesale label manufacturer in the country.

Selling exclusively through resellers, Abbott Label's biggest customers are major packaging companies that require both large volume and short runs. They meet their customers' needs by stocking a full line of labels (more than 300 different sizes ready to ship out the same day) and specializing in custom options that range from 17" wide, 8-color to 10" wide, 3-color.

In 2015, the company started down the digital path with the purchase of a HP Indigo 6800. With growth (running 3 shifts, 24 hours/day) came the need for a new digital press. Citing the continuous improvements in UV inkjet speed and quality, Abbott Label decided to purchase a Domino N610I press.

Abbott Label began looking for a substrate that would offer advanced security and extreme durability for high-end security applications. Having experienced success with PPG TESLIN® material on their HP Indigo and flexo presses, they decided to test the synthetic paper on their new UV inkjet press.

Summary

- Texas-based label converter, Abbott Label, expanded their digital capabilities with the purchase of a Domino N610i.
- The company needed a synthetic material for durable labels and higher end security applications that would run well on their new press.
- Having experienced success with PPG TESLIN® label stock on their HP Indigo press, they were very interested in trying it on their Domino UV inkjet press.
- *Teslin* label stock does not require a coating - a clear benefit for productivity and cost savings.
- Abbott Label printed samples of *Teslin* label stock and were thrilled with the ease of printing and positive customer response.



The Abbott Label digital team in Dallas.



Solution

Although they had an inline coater on their HP unit, most substrates for the Domino require optimized coating. A clear exception is *Teslin* label stock, which unlike other synthetics does not need a coating - making it a great solution for the Domino press. As a result, they decided to test the material and supply printed samples to their customers.

The company is extremely thorough in their testing of any new material. John Abbott, President, notes that *"We've been active in the industry and in organizations like TLMI for a long time, so we've built great relationships with most of the material vendors. They come to us quite often to test new media. We keep careful track of how the material runs and how fast we could run it."*

He spent the time evaluating *Teslin* substrate on the Domino press because it is *"... a great, durable product. It's extremely unique and not at all like a generic polypropylene which might be offered by ten different vendors."*



Results

Abbott's digital team ran sample wine labels of PPG TESLIN® label stock on the Domino press. Abbott confirms that his operators *"...loved working with the material - it printed beautifully and didn't require any extra modifications or adjustments. We just pushed the button and it ran."*

Customer reaction to the samples has been very positive as well. With the success of this initial run, Abbott Label has a new tool in their arsenal for chemical drums, wine bottles, racking labels or pharmaceutical applications (the material withstands a range of sterilization methods as well as cryofreezing). When asked about new opportunities with *Teslin* label stock, Abbott responded, *"Frankly, anywhere you need a durable label."*

He concludes by acknowledging that, *"Security and extreme durability are the key benefits of Teslin labels. The printed information and the label itself are difficult to remove - and even if it does, the label is destroyed - a great indication of tamper-evidence. It's really just a great solution for higher end, security applications."*

PPG TESLIN® Label Solutions

- *Teslin* substrate is a highly printable synthetic material that excels in applications that demand a tough, high-performance material.
- The material contains micropores that absorb ink and toner locking them into its structure for long-lasting durability.
- It is ideal for applications that include GHS-compliant chemical containers, brand protection, tamper-evident security, medical/pharma products and high-end wine and spirits.
- It bonds strongly to a variety of adhesive systems, enabling customized solutions for specialized labeling needs.
- In addition to offering several standard label stock products to converters, PPG also offers the material as a facestock for adhesive coaters and their customers.



PPG TESLIN® label (SP700PR) printed by Abbott Label.