

Paper or Plastic?

Teslin[®] Sheet...
A Rare Breed.



Why decide when you can have the best of both! Teslin[®] synthetic printing sheet fabricates and prints like paper, yet is durable and waterproof like plastic.

What is *Teslin* synthetic printing sheet?

Teslin sheet is a single layer, microporous, highly filled substrate that offers a unique combination of features. It is printable, durable, secure, chemically resistant, thermally stable, abrasion- and tear-resistant. *Teslin* sheet also exhibits favorable electrostatic discharge (ESD) properties which may reduce processing costs and help protect system electronics in RFID and smart card applications. Its microporous structure ensures that inks dry and set almost immediately, resulting in high print definition and excellent pigment holdout.

Why use *Teslin* sheet?

Teslin sheet adheres exceptionally well to toners, inks, adhesives, coatings, numerous plastic substrates, and laminating films providing a bond that is 2-10 times stronger than that of other synthetic substrates or coated papers. No edge seal is required. Security cards or documents incorporating *Teslin* sheet are tamper resistant and tamper evident. *Teslin* sheet can be printed/imaged with photographs, bar codes, and conductive inks and works with a wide variety of printing processes including digital/laser. Duplex and double printing capabilities facilitate product personalization.

How is *Teslin* sheet used?

Teslin sheet's capabilities make it ideal for a wide range of product applications including:

- Cards (security, smart RFID and contact, retail, insurance, financial)
- Security documents, ePassports, drivers licenses, government/national identification cards
- Pressure-sensitive/self-adhesive materials
- Tags & labels
- Specialty print graphic arts (menus, maps, wide format graphics)
- In-mold decorating
- Packaging
- Electronics manufacturing

Where can I get *Teslin* sheet?

Teslin sheet is offered as both full width or slit dimension rolls and various cut-to-size sheets. It is available in a variety of thicknesses and product grades to meet your specific application and processing needs. Please contact us using our website or toll-free customer service number.



PPG Industries, Inc.
440 College Park Drive
Monroeville, PA 15146 USA
Phone: 800-437-8318
www.teslin.com