



Document No:  
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# CERTIFICATE

## PPG TESLIN® SUBSTRATE

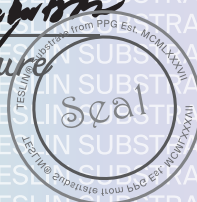
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17th of May, 2016

Date

*Signature*  
Signature





# TESLIN® substrate for certificates and diplomas



## Durable, easy-to-print synthetic paper offers lasting protection

Durable, tamper-evident and highly printable, PPG TESLIN® substrate is ideal for print projects requiring a long lasting, high-performance material. The porous, uncoated material absorbs inks and toners into its structure to form strong interlocking bonds, securing critical printed text and images and protecting them from alteration.

Here's how *Teslin* substrate stands out over other synthetic and conventional papers for certificates, diplomas and mark sheets:

### Easily Printable

- *Teslin* substrate prints like paper on conventional printing presses.
- *Teslin* substrate enables in-house, on-demand personalization with variable information, eliminating the need to share critical data with outside agencies.
- *Teslin* substrate is compatible with most office digital print technologies, including laser.
- *Teslin* substrate dissipates static (passes ESD S.541 @ 30% relative humidity) to reduce paper jams and enables easy removal from protective folders.
- *Teslin* substrate accepts writing from most pens, as well as stamp impressions.

### Extremely Durable

- *Teslin* substrate resists water, abrasion and chemicals without the need for a laminate or protective coating.
- *Teslin* substrate offers excellent fold-endurance.

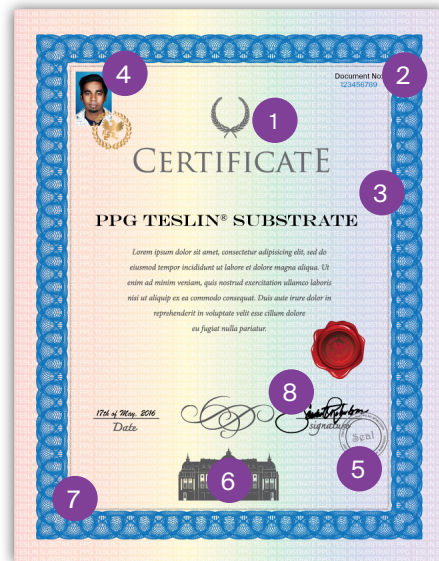
### Inherently Secure

- *Teslin* substrate locks in inks, toners, adhesives and laminating films, securing printed information better than other synthetic substrates and conventional paper.
- *Teslin* substrate permanently distorts if mechanical alteration is attempted, immediately exposing evidence of tampering.

- *Teslin* substrate offers exceptional lamination strength up to 50 times greater than other papers.
- *Teslin* substrate can be embedded with covert and program-specific forensic security features to deter forgery and enhance credential authentication.
- *Teslin* substrate has a unique soft feel that makes it easily distinguishable from paper and conventional plastic substrates.

### Typical Applications

- Ownership documents: vehicle registrations, land titles, deeds, certificates of authenticity, certificates of origin, etc.
- Personal records: birth, death, marriage, citizenship certificates, etc.
- Educational documents: college and university diplomas, mark sheets, transcripts, professional certificates, etc.
- Other secure documents: licenses and identifications



Typical Certificate Security Features Supported by TESLIN® Substrate

1. Security inks (e.g. color-shifting or fluorescent inks)
2. Serial numbering
3. Microprinting
4. Digital printing
5. Rubber stamping
6. Hot foil stamping
7. Intaglio (e.g. latent image, tactile effects, rainbow, off-set or guilloche printing)
8. Handwriting

