

# PPG TESLIN<sup>®</sup> substrate: The preferred choice when laminating



Exceptionally durable



Highly bondable



Amazingly printable



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# PPG TESLIN® substrate for laminated applications



If you're looking for a print material that will enable longer-lasting, better-looking laminated materials at a lower total cost, your search is over

From waterproof menus to insurance cards to loyalty cards and key tags, PPG TESLIN® substrate is a durable, highly printable and lamination-friendly solution proven to meet the many challenges of laminated applications. Those investing in lamination will not find another solution that provides the same high-quality appearance, durability and shelf-life as *Teslin* substrate.



## Exceptionally durable

- Resistant to abrasion, water, tears, chemicals and solvents
- Locks in inks and toners, rendering printed data and images nearly impervious to damage
- Flexible material outlasts more rigid materials like poly-vinyl chloride (PVC) that can break with use



## Amazingly printable and easy to finish

- Compatible with a wide range of print processes, including digital for on-demand and variable data printing
- Eliminates the need for edge seals, improving appearance and reducing cost from using a thinner laminating film
- Can easily be die-cut to any shape for one-of-a-kind designs



## Highly bondable

- Forms bonds that are up to 10 times stronger\* than many other synthetics (*testing shows average peel strength of printed Teslin substrate is 19 N/cm compared to PET at 1.4 N/cm, PVC at 6.0 N/cm and polystyrene at 6.2N/cm*)
- Compatible with a wide range of laminating films, including EVA
- Bonds to laminate with or without the use of adhesives
- Can be roll or platen laminated

\* Peel strength will vary due to print method, ink coverage, laminate film type and other factors. Pre-test qualification of material, processes and equipment should be conducted to ensure suitability.

## Microporosity: The difference for securing printed data and images

Unlike other synthetics, the microporous structure of *Teslin* substrate locks inks and toners into its structure. As this illustration shows, information printed on PVC and other non-porous synthetic papers (vinyl, polypropylene, polyester) is especially vulnerable to damage because inks and toners merely sit atop their surfaces.

