

Decorative Laminate Release Papers

Ultracast® release papers and film provide the ultimate in product aesthetics, offering flawless texture replication for discerning brand owners. With 100% fidelity, Ultracast locks each texture into a robust and durable acrylic matrix; impervious to heat or usage, textures remain unfazed. No gloss shifts to worry about, no fidelity loss with use, 100% of the intended texture 100% of the time.

The Ultracast Laminate Advantage

Consistent Fidelity

Ultracast paper and film is a 100% copy from the same engraved roll every time. This means that every laminate produced from that roll has the exact same texture and gloss. Every roll in every grade will look the same. This eliminates the variation that can be seen with belts and plates through normal wear and replacement across manufacturing plants.

Expandable Offerings

Ultracast allows laminators to be more flexible with minimum manufacturing quantities and to be able to react quickly to changes in the marketplace. This gives you more potential markets for your products and the ability to customize textures to your needs.

Stability

Ultracast release paper is available in grades that have been optimized for stability in high pressure (HPL) and continuous pressure (CPL) lamination, as well as Ultraviolet Cured (UVC) lamination. Gloss and texture stability is a hallmark of the Ultracast process. No gloss or texture shifts occur mid-run or between runs.

Worldwide Network and Distribution

Ultracast is delivered worldwide. We have local sales and distribution teams that understand your market and your needs.

Lower Investment Costs

Ultracast release papers offer significantly lower investment costs over other texturing media – especially when compared to steel plates and belts. Texture and gloss availability and stability also contribute to lower capital and production costs.

Reuse

Ultracast release papers and films have been designed for optimal reuse capabilities. Multiple reuses help reduce the average cost of every production run to a comparable level with press plates or press belts.

Ultracast PR/PPR/PRX

Exceptional multi-use release paper formulated for high pressure laminate (HPL) machines.

Ultracast UTL

Single-use release paper for increased flexibility, lower curl, and lower gloss levels designed for high pressure laminate (HPL) machines.

Ultracast PRC/PPRC

Exceptional release paper formulated for continuous pressure laminate (CPL) machines.

Ultracast Stratum

Premium release film designed for Ultraviolet Cured (UVC) applications.

Ultracast Release Papers vs. Press Plates

	Sappi Ultracast	Press Plates
Texture Fidelity	Sappi Ultracast can be made at the nanometer scale; enabling the creation of unique haptic surfaces and polychromatic textures. Multiple gloss levels can be made in the same texture.	Press plates are only able to be made at the micron level. Fine textures like realistic wood, leather, or fabric are difficult to make and deep textures have a short service life.
Texture Consistency	Sappi Ultracast remains the same use after reuse. This ability avoids nonconformity issues.	Due to pressure and wear, textures and gloss are subject to change over use and time.
Investment Cost	Initial investment cost is low (avg. between 0.25 and 2.5€/m ²) depending on the number of uses and texture depth. You only buy the amount of release paper that is needed for the job.	Press plates can cost up to 50k€ and at least three plates are needed for each texture in production environments.
Press Production Cost	In wind/unwind operations, Sappi Ultracast makes texture changes easy, cost effective, and labor efficient.	Plate and texture changes are laborious, time intensive and require more intensive safety protocols.

Ultracast Release Papers vs. Press Belts

	Sappi Ultracast	Press Belts
Texture Definition	100% of the intended surface is captured with Sappi Ultracast including fine details, multiple gloss levels, and special effects.	Fine textures are difficult to make. Matte and gloss levels are not consistent.
Texture Supply	Sappi Ultracast release paper has short lead times and global supply, distribution, and delivery.	Long lead times for belt production drive up costs and push out production schedules.
Investment Cost	Initial investment cost is low (avg. between 0.15 and 0.50€/m ²) depending on the number of uses and texture depth. You only buy the amount of release paper that is needed for the job.	Press belts can cost up to 300k€. Belt renovations are expensive and time intensive.
Production Flexibility	Ultracast release paper can be made in any quantity needed for production efficiency and requirements. Texture changes are quick and easy.	Belt costs are only economical for high production runs. Texture changes are labor and time intensive.

The Sappi Advantage

Innovation

At our Westbrook mill, we continue to invest in our assets, each piece of equipment designed to deliver a high-quality product with optimal performance throughout the release process.

Since 1926, Sappi's technology center has been creating many industry technical-firsts; from the invention of release paper, the innovation of the e-beam process, to state-of-the-art textures offering breakthrough functional surfaces.

Sales and Tech Support

Our teams have the expertise and dedication to ensure customer success before and after the sale. The Sappi technical services group can help with all aspects of casting and lamination and our sales team provides end-to-end customer support.