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## RFID prelaminated inlay release material



Revolutionary release materials for prelaminated inlay lamination  
Optimize the lamination process  
Improve the quality of the prelaminated inlay  
Eco-friendly fiber-based solution

Optilam™ is an antistatic release material used during the lamination process of RFID prelaminated inlays, optimizing the process and improving the final quality of the inlay. This technology is a smart and sustainable alternative to plastic release films.

### Optimize and secure your lamination process

RFID (Radio Frequency IDentification) Prelaminated inlays (or prelam), which contain the smart cards' valuable chip and antenna, are highly sensitive to the quality of the lamination they underwent to form them.

Release materials play a key role in protecting the inlay by preventing the adhesion of its layers and shielding them from the high pressure & temperature applied during the lamination process.

#### *ESD protection*

Based on the unique Genuine Vegetable Parchment technology, Optilam™ is a breakthrough release material with unique antistatic properties. During the lamination, Optilam™ naturally avoids the generation of Electrostatic Discharge (ESD), for an optimal protection of the chip; which is also safer for the operators.

#### *Designed for lamination performance*

This cellulose-based composite offers very high temperature and pressure resistance which withstand the lamination process.

Optilam™ also delivers outstanding release properties, making the lay-up easier, keeping the laminates and metal plate surfaces clean and undamaged, and enabling an easy peel off after lamination.

In addition, Optilam™ has the unique ability to bring a surface structuring enabling a superior inlay quality while being clean with no loose fiber to avoid any risk of contamination of the inlay.

Optilam™'s thickness is perfectly adapted to the multiple layers structure required in the lamination presses.

## Main benefits of this smart, cellulose-based technology

- Antistatic cellulose-based composite technology
- Easy to manipulate
- Superior chip protection
- Inlay surfacing improved
- Clean and natural, no loose fiber
- Cost-efficient release material

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