

PAPER CARD PRELAMINATED INLAY

@RFID presents its brand-new patent approved product offering a disruptive solution for eco-friendly, high quality, durable and fully recyclable card manufacturing.

The PAPER CARD PRELAMINATED INLAYS are fully paper-based sheets with embedded HF RFID transponders (chip and antenna).

The production process solely based on paper substrate and using pure copper for antenna coil and a silicon chip on board allows the full recyclability.

The material being carefully selected from global suppliers for their green credentials and production being entirely ensured by @RFID EU-patent allow a full guarantee on the carbon footprint, traceability & sustainability of the product.

The unique processing of the product and its form factor are IP protected and exclusively owned and offered by @RFID.

Further processing can be seamlessly implemented in any printing house or card production factory.



Two easy approaches for implementation

Print-Ready :

Suitable for direct printing with standard offset or digital process (tested and approved by all major printing equipment).

Lamination Inlay :

Suitable for lamination with printed sheets in hot/cold presses for standard card production.

Highlights :

- 100% Plastic free
- 100% Recyclable
- 100% EU-made
- 100% Standard Production Process

Technical

Physical Features :

Substrate : Paper
 Antenna material : CU wire
 Maximum Size : Up to B2 format
 Available Layouts : from 2x5 (10UP) to 8x10 (80UP)
 Delivery form : Sheet
 Available thickness : 350 to 750um
 Processing : Ready-to-Print(digital/offset) or for lamination

RFID Features :

Chip : Any ISO14443 or ISO15693
 Frequency : 13.56MHz
 Antenna Size : ID1 ISO size or any coil size from D25mm
 Custom encoding optional



Certifications :



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