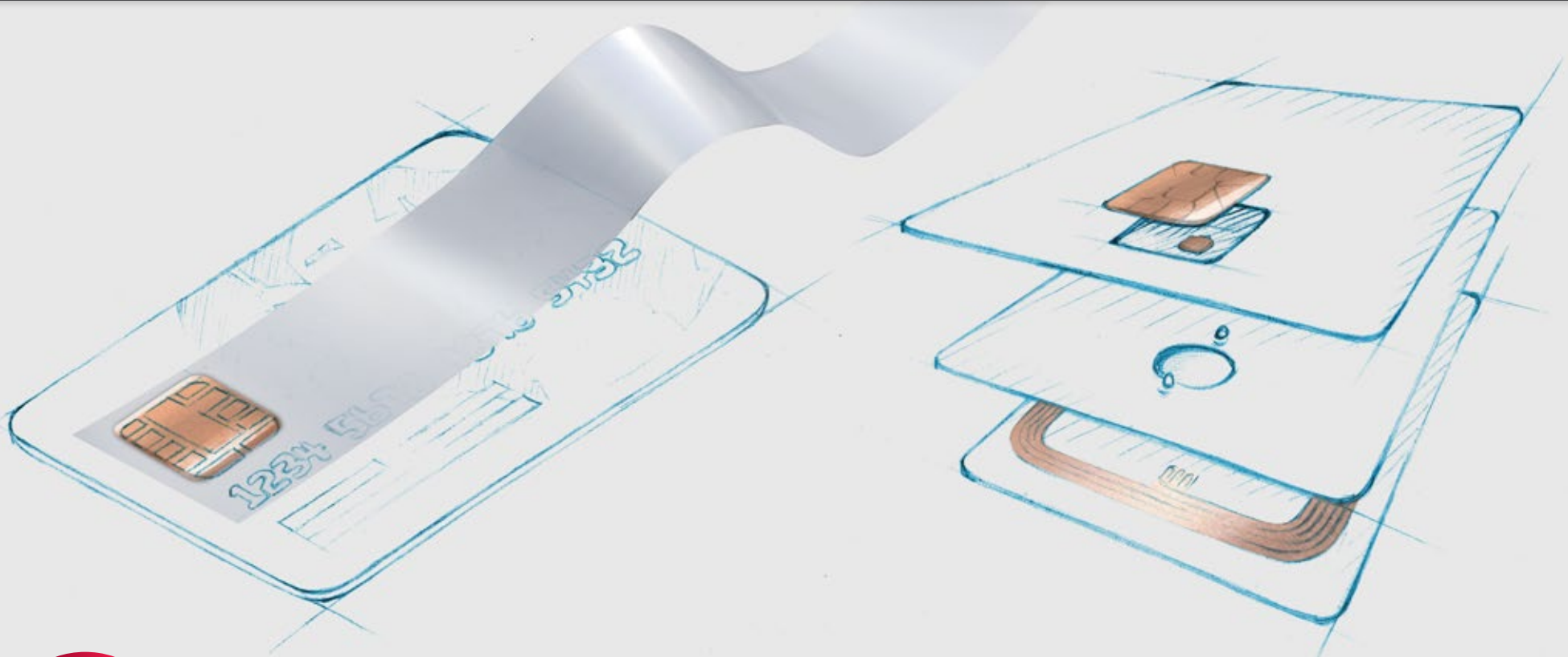


SMART CARD Industry



CONTACT CARDS

- Heat-activated Adhesive Bonding film

DUAL INTERFACE CARDS

- Electrically Conductive Heat-activated Transfer Adhesive Tapes

SMART CARD chip bonding solutions

PPI Adhesive Products Ltd developed the Heat-sealing Films for various Card substrates to ensure permanent bonding of a chip module into the cavity of the cards. The PPI products are based on a heat-activated adhesive bonding film supported on a carrier paper liner.

Markets: Payment, Identity, Telecommunication, Transport etc.

BONDING OF CONTACT CARD CHIP MODULE

In Contact cards the chip is bonded to the cavity of the cards. The Heat-sealing film is suitable for chip module embedding processes for plastic contact cards commonly made from PVC, ABS & PC materials. It provides long term reliable solution. Can be customized based on customer assembly line requirement.

PPI Product code:

- RD-461 • RD-1053 • RD-1064

BONDING OF DUAL INTERFACE CHIP MODULE

In Dual interface cards, mechanical embedding the chip module and connecting the antenna are performed in a single step using electrically conductive heat-sealing transfer adhesive tape. The electrically conductive film is suitable for chip module implanting processes for dual interface cards commonly made from PVC & ABS materials.

PPI Product code:

- RD-1054

SMART CARD product overview

PPI PRODUCT	PPI RD-461	PPI RD-1053	PPI RD-1053B	PPI RD-1064	PPI RD-1054	PPI RD-1054B	PPI RD-1054C
description							
ADHESIVE	Nitrile rubber/ Phenolic resin	Copolyamide	Copolyamide	Copolyamide	Electrically conductive Copolyamide		
THICKNESS [µm]	25	25	40	40	25	40	65 (g/m)
SUPPORTING BASE	Siliconised paper						
COLOUR	Transparent						
application							
CARD MATERIAL	PVC	PVC & ABS	PVC & ABS	PVC, ABS & PC	PVC & ABS	PVC & ABS	PVC & ABS
CARD TYPE	Contact cards, SIM cards, ID cards, Loyalty cards etc.				Dual interface cards/Contactless cards		
MARKET	Payment, telecom, identity, transport, healthcare, e-commerce etc.				Payment, identity		

SMART CARD Industry

BENEFITS

- Long term reliable bonding
- Suitable for different types of card substrates
- Electrical connectivity
- Film thicknesses (0.025mm, 0.040mm, 0.050mm)
- Customised based on customer assembly line requirement



Do you
want these
advantages?

Contact
us



Contact PPI Adhesive Products regional sales representative

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Phone: +353 51 590400, Email: info@ppi.ie

WWW.PPIADHESIVEPRODUCTS.COM