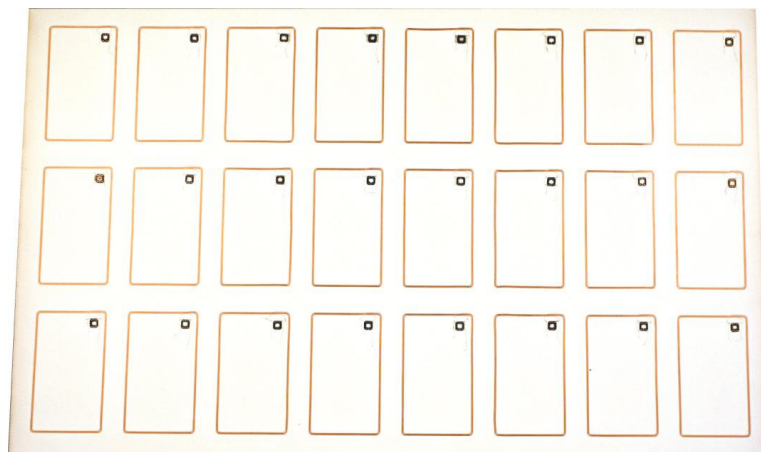


PRELAMINATES



APK Identification Prelaminates provide easy and efficient way to manufacture cards. These are available in different frequencies and technologies.

Features:

- Most convenient method to manufacture cards.
- Available in various matrix size
- Dust and Waterproof
- Available in various memory and ISO protocols
- Can be made as per client requirement of antenna size and matrix size

Applications:

- Card Manufacturing
- Tag manufacturing

Tag Specification Data

	Low Frequency	High Frequency	Ultra High Frequency	
ISO Protocol	ISO 18000-2	ISO 14443/ ISO 15693	ISO 18000-6C	
Operating Frequency	125kHz/134.2kHz	13.56MHz	860-960 MHz (ETSI/FCC)	
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon	Alien, NXP, Impinj	
Memory	IC dependent	IC dependent	IC dependent	
Data Retention	Up to 10 years	Up to 10 years	Up to 50 years	
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles	Up to 100,000 cycles	
Material	PVC / PET-G	PVC / PET-G	PVC / PET-G	
Matrix size Available	3x7	3x8	2x2x5	Other Matrix size available on request

Data Sheet

Environmental Test Data

Ingress Protection	IP67
Storage Temperature	-5°C to +60°C
Operating Temperature	-5°C to +60°C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to water, Washing agents, Ethanol, Detergents, Oils and greases.

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