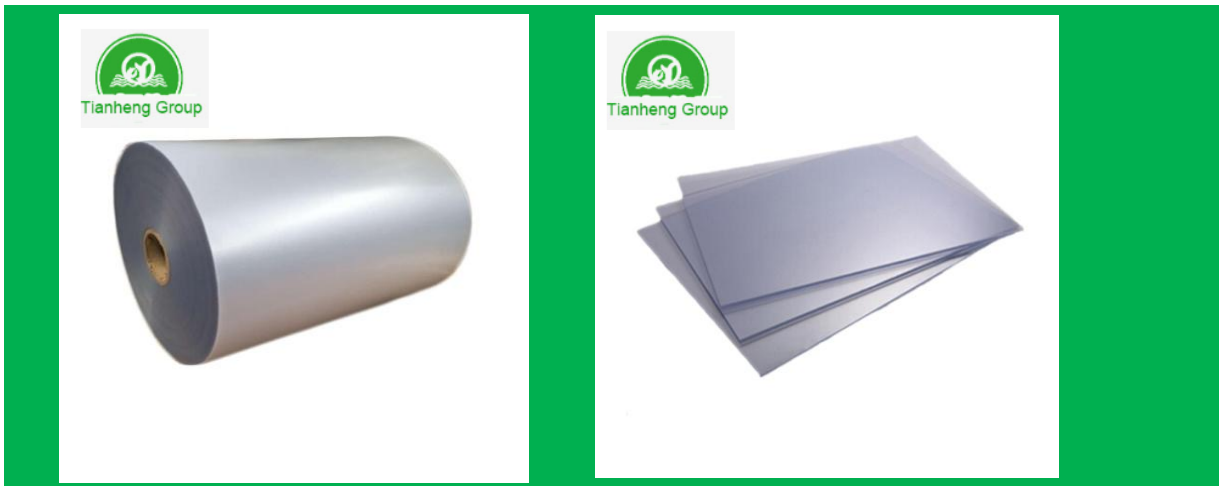


## PVC Coated and Uncoated Overlay Films



We supply a range of coated, uncoated and the laser engraved PVC overlay films exhibiting high adhesion properties granteeing maxmum security for laminated cards.

### Specifications:

Thinckness: 60micron/75micron/80micron/100micron

Color: clear transparent

Surface: Matt/Matt

Sizes: A/4, A/3, 12" × 18", 19" × 25", 18" × 24", 36" × 48"

PVC Coated Overlay is suitable for laminating with most pvc sheets printed by various printers. It features high adhesion, no color change and deformation.It is mainly used for various magnetic stripe cards, phone cards, membership cards and other PVC cards, adhesive force is more than 5.8N.It is applicable to almost all sheet printed by various ink. It features excellent peeling strength and long aging time

### Application:

Used as protection film for all kinds of smart cards (Financial card, Medical card, Health card, City smart card, Key card etc.)



## PVC Inkjet and Offset Printing Sheet



### (一) PVC inkjet printing plastic sheet

**Common Size:** A4, 210\*297mm, 210\*320mm, etc.

**Thickness:** 0.17, 0.30, 0.38mm

**Technical Features:** it's suitable for the color inkjet printer of Eposon, Canon, HP and other brands.

**Product Appearance:** white, smooth and clean surface, no obvious mechanical, impurities and uneven.

**Applicable Temperature:** 95---150℃

**Using Method:** print on the matt side of the sheet.

**Storage:** airproof, moisture proof

**Package:** plastic bag + carton



Product ID	Size(mm)	Color	Thickness(mm)	Coated	Packing
IPPS01	A4, 210*297	white	0.30	yes	50 pcs/bag, 1000 pcs/box
IPPS02	A4, 210*297	white	0.38	yes	50 pcs/bag, 1000 pcs/box
IPPS03	A4, 210*297	white	0.17	yes	100 pcs/bag, 2000 pcs/box
IPPS04	A3, 297*420	white	0.30	yes	50 pcs/bag, 500 pcs/box
IPPS05	325*480	white	0.30	yes	50 pcs/bag, 500 pcs/box

### (二) White core sheets, Offset printing PVC materials

White PVC core sheets can be used for making plastic cards through offset printing or screen printing. Unlike PVC inkjet printing materials, this material does not have a special coating on the surface, so it can't be used on inkjet printers. White PVC core sheets can be embedd with chip modules and widely used in smart card manufacture, such as finance, identity, driving license, telecommunication, medical and insurance.

**Vicat point:** 78±2

**Surface tension:** 36-48

**Common thickness:** 0.30mm, 0.60mm(other thickness from 0.15 to 0.85mm)


**Common size:** A4, A3+(480\*295mm), 480\*594mm

**Package:** plastic bag+carton

## PC(polycarbonate) Card Films



We supply a range of PC polycarbonate non-laserable overlay, laserable overlay and the white core layer

型号 PN	描述 Name	颜色 Colour	厚度范围 Thickness range	常用厚度 General thickness
TH832	面层 Non-laserable overlay	透明 Transparent	50mic to 250mic	50mic, 75mic, 100mic
TH832W	 芯层 Core-layer	白色 White	70mic to 400mic	75mic, 100mic, 200mic, 250mic, 300mic, 330mic
TH832J	激光层 Laserable overlay	透明 Transparent	70mic to 250mic	100mic

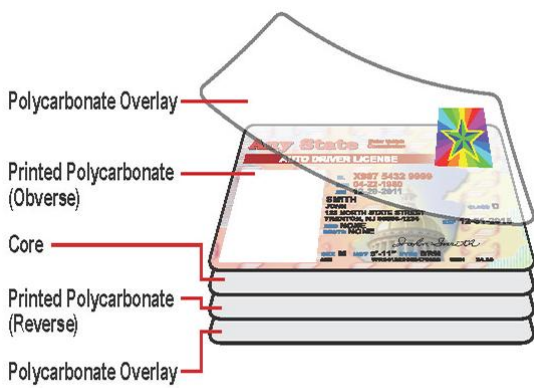
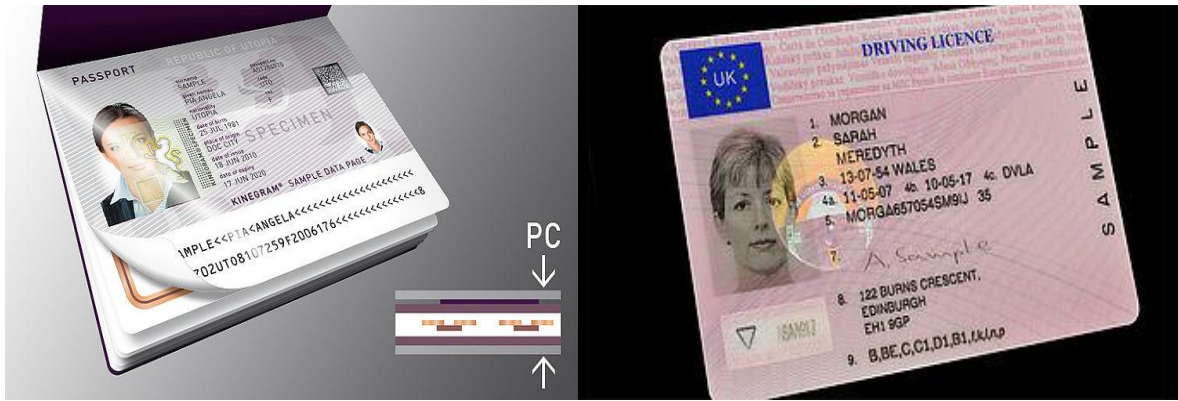
### Characteristic:

High transparency, High surface gloss, High mechanical strength, Impact and heat resistance, Scratch resistance, V0 grade flame retardant, Excellent laser engraving application.  
Up to 10 years card lifetime but with average dynamic bending stress

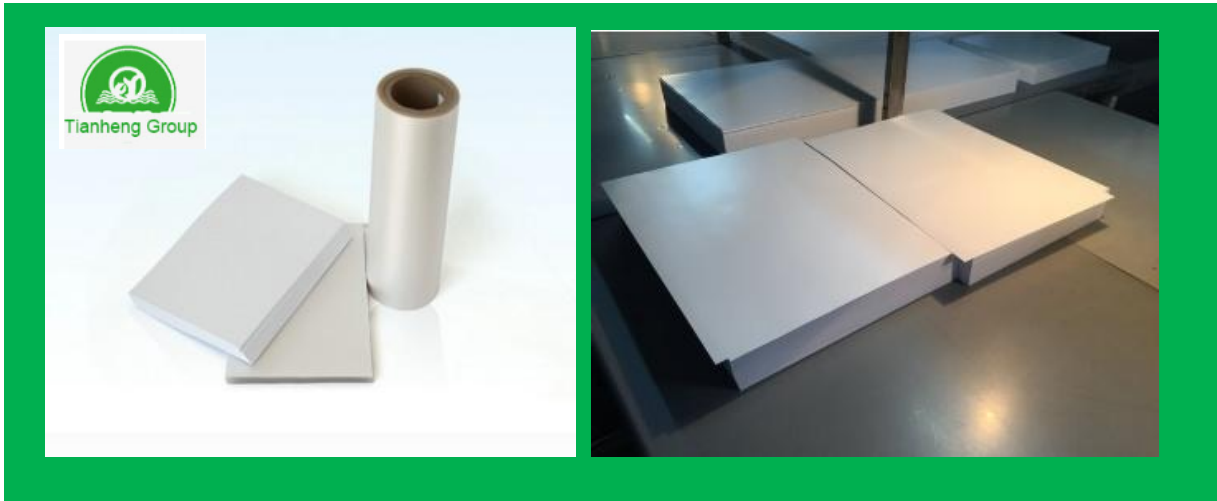
### Application:

Apply to card body performance and anti-erfeiting technology requirements of the license card. ID Card, driving license, electronic passport, transit card, residence permit, military card and police card, smart card, tachometer card, health insurance card, civil service certificate, vehicle registration certificate, etc.

### PC(polycarbonate) Card Films



## PETG Card Films



Items	Transparent overlay	White PETG core	white PETG sheet at high Vicat
application	Using for all kinds of ID card,credit card,IC card,proetction layer	Used for PETG card printing layer,card inlay,overlay,suitable for all kinds of ID card,credit card,IC card,CPU card,labels, could be laminated with PETG film	Used for PETG card printing layer,card inlay,overlay,suitable for all kinds of ID card,ETC card.
Thickness (μm)	65-100	80-400	80-400
Surface tension(Dyne)	≥36 printing side	≥38 printing side	≥38 printing side
Tensile strength(Mpa)	≥38	≥40	≥40
Density(g/cm3)	1.10±0.05	1.30±0.05	1.30±0.05
Vicat A120(°C)	76±2	(77-79) ±2	100±2

### Characteristic:

Eco-friendly, Decompose into carbon dioxide and water after buming, Good printability (offset and screen printing), Easy lamination: Layers combine without adhesives, Dynamic bending stress for a card lifetime of five years

### Application:

Has been used for the Second Generation of resident ID card of China. Police officers ID card, Hongkong and Macao pass, Social security card, Indonesia national ID cards, Vietnam national ID cards. Eco-friendly grade Financial card, etc.

## PETG Card Films



Dear Purchase Manager,

Thank you for your attention and support.

This is Shelly from Zibo Tianheng New Nanomaterials Technology Co.,Ltd.

We established in 1995, manufacture and export PVC/PETG/ Polycarbonate card materials ( include white polycarbonate card core film, white polycarbonate printing film, transparent laserable polycarbonate film and non-laserable protect overlay film) many years.

Our technicians have more than 15years experience in the field of plastic card film , and our production lines are new and advanced, competitive price+steady good quality will grow your card business, welcome your contact.

Sincerely yours,

Shelly Shao

[shelly@pvc-plastic.cn](mailto:shelly@pvc-plastic.cn)

[www.chinapackfilm.com](http://www.chinapackfilm.com)

**Except the card materials, we can also supply you the following items:**

PVC rigid film for thermoforming and folding box;

PVC rigid film for Pharmaceutical packing;

PVC rigid film for Garment accessories;

PVC tile adhesive film;

PVC ceiling film;

PVC building base material;

PP sheet;

PET sheet;

HIPS sheet;

PC polycarbonate flame retardant film;

PC polycarbonate film for Printing membrane switch, nameplates, control panel, speedmeter,etc.

PC colored polycarbonate film for suitcase, helmet, sunhat, reflective base film

Company photos---Zibo Tianheng New Nanomaterials Technology Co.,Ltd.



PVC film production line



Class 100,000 purification workshop



PC polycarbonate film workshop



High grade PET production line



Clean room



Finished goods warehouse