



PVCPROD COMPANY

PVC CORE & OVERLAY FILM
MANUFACTURER

FROM 2002

Become the Best PVC Provider in Card Industry



PVCPROD COMPANY

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Become the Best PVC Provider in Card Industry



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01

COMPANY PROFILE

20 years

Manufacturers in the PVC industry

PVCPROD Company is a manufacturer with shareholders who have been in the PVC industry for the last 20 years. Because of the long term experience that we have in this industry, we have been able to supply PVC materials worldwide (Southeast Asia, Russia, North America, ... and other countries).

2500 metric tons

Monthly production capacity

Our manufacturing base is in China, we are housing 6 calendars with a production capacity of 2,500 Metric Tons per month. We have qualified engineers and QA personal researching new developments at each of our facilities to enhance the quality of our products and to make sure that production goes smoothly.

Our product range includes PVC Rigid Film, PET&PVC Transparent Sheet, Opaque Sheet for high quality manufacturing such as smart card and regular quality material for regular use. We can also produce to your specifications and alter our material to suit you and your customers needs. As we maintain a policy of the strictest quality control with regard to all our raw material and have close cooperation with the best resin manufactures Japan TOSOH and Korea LG, we are able to offer you the most reliable quality and the most competitive prices.

Base on PVCPROD's core value, be professional and always readying for problem-solving, we are committed to support our customer's evolving needs. Our way of working is to supply a limited amount of people/ companies, giving them the best prices in their market and building long-term relationships.

We would be happy to serve you.



02

ENTERPRISE CULTURE



Mission

Commit to Card Industry Development



VISION

Become the Best PVC Provider in Card Industry



VALUE

- Be Professional
We are professional and have maintained focus on PVC industry over 20 years
- Always ready for problem-solving
Always be ready to provide problem-solving solutions
- Achieve Clients' Success
Act as a trusted advisor for Clients' long-term benefits
- Achieve Team Success
Build strong-identity teams that apply our diverse skill and perspectives to achieve common goals



03

PRODUCT INTRODUCTION

1

Core Sheet

2

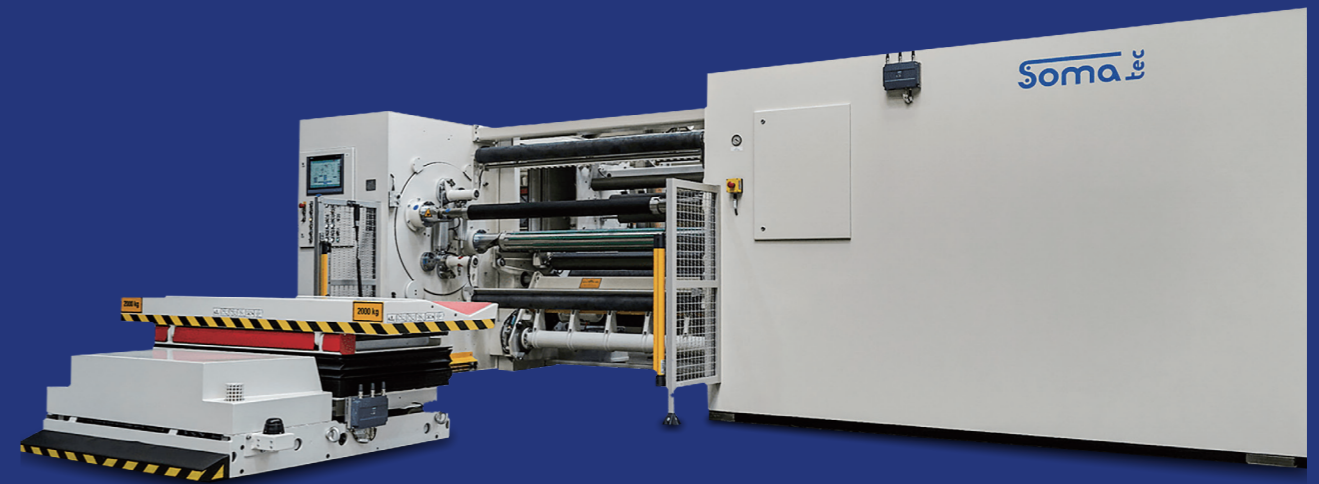
R-PVC Core Sheet

3

Uncoated Overlay Film

4

Coated Overlay Film



1 Core Sheet

Features high-impact strength and the smooth matte surface is ideal for graphics, printing and laminating.

Item	Index	Unit	Standard Value	
Specifications	Thickness	mm	0.10~0.15	
			0.151~0.30	
			0.301~0.50	
			0.501~0.81	
	Width (TD)		±0.5	
	Length (MD)		±0.5	
Appearance	Surface	-	Matt/Glossy	
	Colour	-	$\Delta E \leq 1.0$	
	Roughness	Ra	um	0.7~1.6
		Rz		5~16
	Fluoreacence	-	with(srong/week) / without	
Mechanical Characteristic	Tensile Strength(TD/MD)	MPa	≥ 38	
	Tensile Impact Strength	KJ/m ²	≥ 450	
	Heat Shrinking Rate (140° C/10Min)	%	30	
	Vicat Softening Temperature (B50 Method)	°C	72±2 / 78±2 / 81±2 / 91±2	
	Surface Tension (Front)	dyne/cm	≥ 36	
	Surface Tension (Back)		≥ 38	
	Density	g/cm ³	1.39+0.05	

We can also produce to your specifications and alter our material to suit you and your customers needs.



Recommended application

Our PVC sheet is widely used in Bank card, Credit card, Membership card, SIM card, etc.

Package and storage

100~200 sheets per PE bag, all the bags are firmly piled up and fixed on the solid plywood pallets.

It can be used for a long time, as long as it is stored in well-sealed bag at room temperature below 40°C .

Please feel free to contact us if you need any further information.

2 R-PVC Core Sheet

We recycle 100% of our own waste because of growing environmental concerns and acquired GRS and UL certificate. Sustainable material is going to become more important and hopefully the inclusion of recycled materials in it will be the new norm.



Item	Index	Unit	Standard Value	
Specifications	Thickness	mm	0.10~0.15	
			0.151~0.30	
			0.301~0.50	
			0.501~0.81	
	Width (TD)		±0.5	
	Length (MD)		±0.5	
Appearance	Surface	-	Matt/Glossy	
	Colour	-	$\Delta E \leq 1.0$	
	Roughness	Ra	um	0.7~1.6
		Rz		5~16
	Fluoreacence	-	with(srong/week) / without	
Mechanical Characteristic	Tensile Strength(TD/MD)	MPa	≥ 38	
	Tensile Impact Strength	KJ/m ²	≥ 450	
	Heat Shrinking Rate (140° C/10Min)	%	30	
	Vicat Softening Temperature (B50 Method)	°C	72±2 / 78±2 / 81±2 / 91±2	
	Surface Tension (Front)	dyne/cm	≥ 36	
	Surface Tension (Back)		≥ 38	
	Density	g/cm ³	1.41+0.05	

We can also produce to your specifications and alter our material to suit you and your customers needs.



Recommended application

Our R-PVC sheet is widely used in Bank card, Credit card, Membership card, SIM card, etc.

Package and storage

100~200 sheets per PE bag, all the bags are firmly piled up and fixed on the solid plywood pallets.

It can be used for a long time, as long as it is stored in well-sealed bag at room temperature below 40°C .

Please feel free to contact us if you need any further information.

3 Uncoated Overlay Film

Features scratch resistance, better ability of lamination, high transparency, high surface energy plastic and is very compatible with glue.

Item	Index	Unit	Standard Value	
Specifications	Thickness (0.03~0.1)	%	±10	
	Squareness	mm/m ²	≤ 1.2	
Appearance	Roughness	Ra	um	
Mechanical Characteristic	Tensile Strength(TD/MD)	MD	MPa	≥ 40
		TD		≥ 35
	Shrinking Rate (140° C/10Min)	MD	%	≥ -40
		TD	%	≤ +20
	Vicat Softening Temperature (B50 Method)		°C	60~75
	Density		g/cm ³	1.15+0.05

We can also produce to your specifications and alter our material to suit you and your customers needs.

4 Coated Overlay Film

Features excellent peeling strength, no color change and deformation.

Item	Index	Unit	Standard Value	
Specifications	Thickness (0.04~0.1)	%	±10	
	Squareness	mm/m ²	≤ 1.2	
Appearance	Roughness	Ra	um	0.5~1.8
		Rz		3~9
Mechanical Characteristic	Tensile Strength(TD/MD)	MD	MPa	≥ 40
		TD		≥ 35
	Shrinking Rate (140° C/10Min)	MD	%	≥ -40
		TD	%	≤ +20
	Vicat Softening Temperature (B50 Method)		°C	60~75
	90° peel strength		N/cm	≥ 6
Density		g/cm ³	1.23+0.05	

We can also produce to your specifications and alter our material to suit you and your customers needs.



Recommended application

PVC Uncoated Overlay is suitable for laminate blank white cards, primarily when no ink is present to separate the base PVC core stock from the overlay.

Package and storage

By reel, or as per customer requirements. It can be used for a long time, as long as it is be away from direct sunlight without any weights on it. Please feel free to contact us if you need any further information.

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Recommended application

PVC Coated Overlay is suitable for laminating with most PVC sheets printed by various printers. It features high adhesion, no color change and deformation.

Package and storage

By reel or 500 sheets per bag / 4-8 bags per paper carton , or as per customer requirements. It can be used for a long time, as long as it is stored in well-sealed bag at room temperature below 40 ° C and be away from direct sunlight without any weights on it.

Please feel free to contact us if you need any further information.