

Dear Sir/Madam,

Thank you for your attention and support.

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

We manufacture and export Polycarbonate card materials (include white polycarbonate card core film, white polycarbonate printing film, transparent laserable polycarbonate film and non-laserable protect overlay film) from 2014.

Our technicians have more than 15years experience in the field of polycarbonate 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



Our polycarbonate film informations as following for your reference:



PC Card Material

Characteristic:
High transparency, High surface gloss, High mechanical strength, Impact resistance, heat resistance, scratch resistance, V0 grade flame retardant, Excellent laser etching application.
It has been used for ID cards of European and American countries.

Zibo Tianheng New Nanomaterials Technology Co.,Ltd.

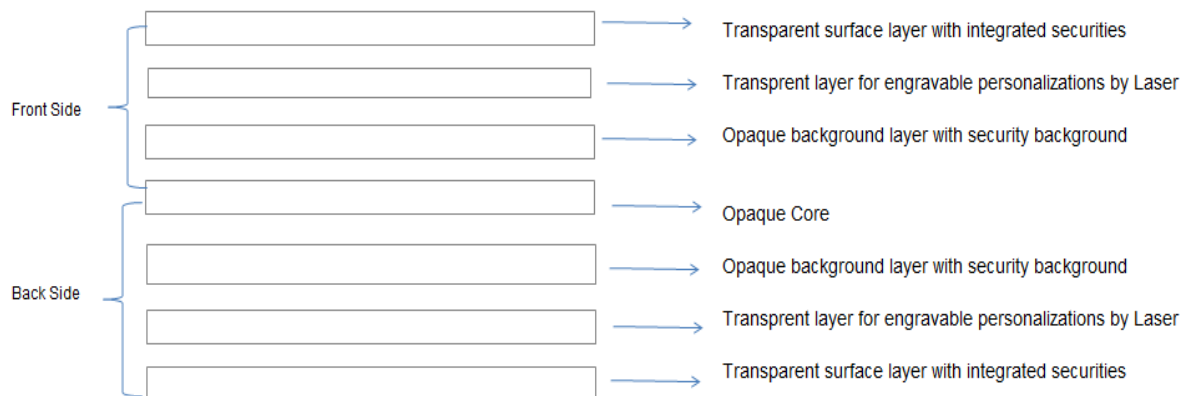


	PC	
Thickness	100 μ m-400 μ m	50 μ m-100 μ m
Color	White	Transparent
Roughness Ra 2.5 \times 1	5.0 μ m-12.0 μ m	4.0 μ m-10.0 μ m
Width	200mm~1300mm	
Length	200mm~1300mm	



PC is a thermoplastic polymer with high temperature resistance and impact resistance. PC ID Cards are manufactured through the fusing together the different PC layers.

The A typical polycarbonate structure: 7-layer polycarbonate card for your reference:



One of the many layers utilised is a laser engravable layer which enables the personalised data to be added by laser within the card structure rather than being printed on the top surface by a printer. This laser engraving capability combined with the high resistance polymer results in an extremely durable card with many card issuers, such as Gemalto, quoting a lifespan in excess of 10 years for polycarbonate identity documents.

An additional benefit to PC is that its manufacture does not leave behind any dangerous residues and the disposal of any unwanted material does not give off any toxic gasses, meaning the material is regarded as more environmentally friendly when compared to PVC or Composite Cards.