

Considering of the characteristic of plastic card production and other factors, the high quality lamination plate researched and developed by Smartlayer can meet the requirement of the lamination of ISO international standard bank card, it is suitable for all kinds of card production.

- Long life-span time due to high quality of alloy materials and special metal processing.
- Available in polished/sandblast and other customized design.
- Stable quality under elaborate processing and quality control.
- Four edges deburred and corners removed for safety consideration.

### POLISHED LAMINATION PLATE

#### Character

- Suitable for lamination of banking cards and other high quality gloss cards.
- Moderate brightness and micro grain on the surface can avoid the adhesion to the plastic sheet and the bubble formed.
- Excellent resistance of oxygenation and erodibility can decrease the erode to the gloss plates greatly.

#### Specification

- **Thickness:** 0.5-1.0mm
- **Size:** available to customer request
- **Cycle Time:** Approx. 4,000-6,000 under normal condition.
- **Surface Finished:** gloss and consistent brightness with both sides.

### SANDBLAST LAMINATION PLATE

#### Character

- Sandblast process improves the hardness and scratch resistance for longer life span.
- Adequacy control of the roughness value(Ra) on surface.
- Available to customer request.

#### Specification

- **Category of Roughness Value:**  
Ra:0.2-0.4 $\mu$ m  
(Recommend magnetic card,GSM card)  
Ra:0.5-0.7  $\mu$ m  
Ra:0.7-0.9  $\mu$ m  
Ra:0.9-1.2  $\mu$ m  
(Recommend inlay lamination)
- **Standard Thickness:** 0.8mm, 0.9mm
- **Size:** available to customer request
- **Cycle Time:** Approx. 4,000-6,000 under normal condition.