



Duralumin

- ❖ Duralumin Cards are excessively light, but its durability and strength is just as strong as other metals.
- ❖ It also has virtue of effectively being resistant to corrosion, which makes it perfect to manufacture distinctive and semi-permanent cards.
- ❖ Through enormous R&D investment and effort, duralumin cards become the company's no.1 metal card product.

Thickness: 0.8mm

WT: 10g

EMV Certified



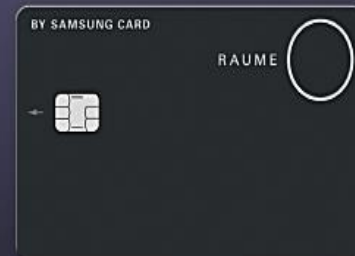
Material

Duralumin is age-hardening aluminum alloy made by adding 3-4 elements (magnesium, copper etc.) When duralumin is exposed to hot temperature, it hardens to the point until it reaches same strength as iron. Because of its lightness and durability, it is widely used in aircraft construction.

Options

- ❖ Various color/pattern can be expressed if customer wants to express diverse colors on the metal surface.
- ❖ Different effects such as gradation are possible on the card body to maximize its uniqueness
- ❖ Customers can print logos and drawings on the card surface if needs be by using company's several printing technology
- ❖ Jewels and Swarovski can be embedded in the card to produce VIP cards for even more rarity.
- ❖ Engraving effect on card surface is offered to satisfy customer's taste.

Portfolio

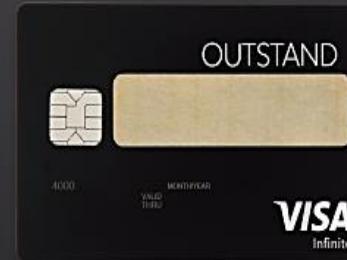




DUO Duralumin

- ❖ Duralumin can also be combined with other materials such as leather, Wood, and Carbon.
- ❖ The mixture of metallic & non-metallic materials complements each other, enhancing the cold feeling of metal body.
- ❖ The appearance and pattern of combined material make the card more luxurious.

Portfolio



SUS

- ❖ SUS Cards are made of Stainless Steel, which contains substances such as Iron & Chromium.
- ❖ It is loved for its modern appearance and sanitary quality.
- ❖ It is preferred by customer who demands cards with heavier weight than aluminum.

Thickness: 0.8mm

WT: 20g

EMV Certified (VISA & Mastercard)



Material

Although metallic-material, stainless steel is relatively poor conductor of electricity. The material itself does not readily rust, corrode or stain with water and does not require high maintenance, which is why cards made with SUS

Options

- ❖ Brand Logo & Pattern can be colored using laser printing or engraved directly to material
- ❖ The card body can be colored (black & silver) and polished using different effects
- ❖ EMV Logo can be metalically engraved or hot-stamped using Metal-Credit's Technology





Gold

- ❖ Using real 14K Gold for the card body, our company's gold card has been beloved by excessive VVIP customers.
- ❖ 18K gold is plated on the metal surface for deluxe impression and protection.
- ❖ Whoever you are with or wherever you go, the gold card will always make a mark.

Thickness: 0.8mm
WT: 43g
EMV Certified (VISA)

Materials

Gold is one of the most precious natural elements found on earth. It is very malleable and ductile, which means it is a metal which can be formed into various shapes without breaking. For higher durability, 18K or 14K gold alloys are commonly used.

Options

- ❖ With our unique color coating methodology, various colors and designs can be inserted.
- ❖ Different types of patterns and highlights could be expressed using engraving techniques.
- ❖ Matt and glossy effect is applied on the card surface based on customer's preference
- ❖ Jewel embedding is also possible making gold cards to stand out with splendid appearance



Portfolio





Silver

- ❖ 92% sterling silver is used to produce silver metal cards, which is the same material used in manufacturing jewelries.
- ❖ The sterling silver is harder than pure silver, and thus enhances the durability and longevity of the card body.

Thickness: 0.8mm
WT: 31g
EMV Certified(VISA)

Material

Due to its virtue of reflection of visible lights, Silver is known for great material making mirrors. Silver also has anti-bacterial properties and some silver nano-particles are used in clothing for prevent bacteria to absorb sweat and forming unpleasant odors.

Options

- ❖ Using Metal Credit's color coating technique, colors can be expressed with different effects according to customer's needs
- ❖ The plane card surface can also be altered into special textures using sand & hairline treatment.
- ❖ Jewels and Swarovski can be embedded according to customer's preferences





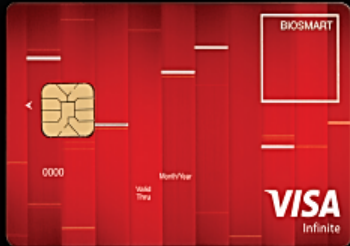
Bronze

- ❖ Bronze cards are consistently loved by customers not only because its unique color perfect for the classy designs, but also because of its strength and wear-resistance.
- ❖ The characteristics of the metal makes bronze card to be used almost permanently with minimum wearing issues.

Thickness: 0.8mm

WT: 27g

EMV Certified(VISA)



Material

Bronze is an alloy of copper, the first metal used by people is known for its strength and corrosion resistance. With combined elements of copper, zinc and tin, it is commonly used for outdoor sculpture due to its limitless form and durability.



Options

- ❖ 18K gold can be plated on the card body for superb impression
- ❖ Color of the metal body can be altered using Metal Credit's own coloring technique
- ❖ The plane card surface can also be transformed using sand & hairline treatment on the card surface





Titanium

- ❖ Titanium alloy called “Super Titanium” is used for the titanium card body, material that is highly corrosion resistant.
- ❖ Using Metal-Credit’s own surface film coating process, we make sure that the distinct color and characteristics of titanium is maintained for its lifetime.

Thickness: 0.8mm

WT: 27g

EMV in progress

Titanium

Material

Despite its virtue of strength and lightness, titanium needs alloying agent such as aluminum and iron to complement its relatively low density. Titanium alloys are mainly used in spacecraft and missiles due to its ability of withstanding extreme temperatures.

Options

- ❖ Titanium cards can be expressed in different kinds of colors through special coloring technology designed for titanium.
- ❖ Customers can also print logos and drawings on the card surface if needs be by using company's several printing technology
- ❖ Different effects such as gradation are possible on the card body to maximize its uniqueness

Carbon

- ❖ Carbon cards are made by carbon fiber fabric, which is tremendously thin, but strong fibers.
- ❖ By twisting fibers together, the card surface is filled with patterns that are only possible by carbon fibers.
- ❖ The shape of pattern can be differed by adjusting the thickness of the yarn.

Thickness: 0.8mm
WT: 10g
EMV Certified(VISA)



Carbon

Material

Carbon fibers are stiffest and strongest reinforcing fibers for polymer composites. It is very light in weight and slightly flexible, yet can withstand an impact of heavy weights depending on the composition. The complex interwoven nature of fiber makes it very difficult to break and widely used in variety of sectors including civil engineering, military and sports industry.

Options

- ❖ Metal membrane (letter or design) can be attached on the card body to elicit the uniqueness of the card.
- ❖ Logos and Designs can be printed & customized according to the customer's preference.
- ❖ The shape of pattern of card body can be differed by adjusting the thickness of the yarn.

Technology

Insulation technique

- ❖ All types of metal cards are free from any payment & ESD (electro-static discharge) issue that could be raised due to the characteristic of metal being a conductor of electricity
- ❖ 2-step insulation is applied to all metal-cards, one from anodizing and the other from transparent insulation treatment. When IC chips are embedded, the chip and the embedding area also go through insulation treatment
- ❖ Through this unique insulation technology, Metal-Credit has successfully managed the metal cards to be used in ATMs and MS readers as normal credit-cards.

IC Chip / Magnetic stripe / Hologram

- ❖ Both IC chip and Magnetic Stripe can be attached on the card body based on ISO standards as PVC cards
- ❖ The IC chip goes through the insulation treatment in order to protect the chip from unexpected ESD issues and enables to be used in ATMs.
- ❖ For cards with EMV certification, holograms can also be attached using our company's stamping technology.

Functions

Metal Card can be manufactured with several functions. From basic membership cards, M/S, Contact, Hybrid and dual interface (Paywave & Paypass) cards are also available.





