



# CARD MATERIALS

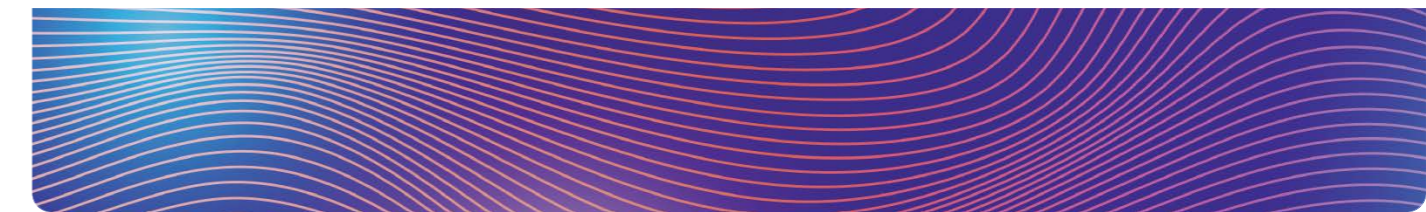
OFFERING THE PERFECT  
OPPORTUNITY TO EXPRESS YOUR  
BRAND IDENTITY



### ToPay Gleam | HOLOGRAPHIC PLASTIC

Through its unique reflective accents, ToPay Gleam makes your card stand out. The PVC is covered with a full-face holographic laminate that can reflect a wide variety of colors in a mirror-like appearance.

As a very versatile material, it can be used to apply shadows to the artwork on the card. Moreover, it can also be used to accentuate selected design elements to create special effects.



Customized credit cards, debit cards, prepaid cards and gift cards offer the perfect opportunity to express your brand identity. This allows you to differentiate yourself from your competitors while establishing and maintaining a close relationship with your customers. When combined with an interesting card design and a customized visual, they can serve as a powerful marketing tool.

Depending on your needs, we have a wide variety of surfaces, effects, techniques, materials, and form factors for your cards. Our advanced technology allows us to offer an array of design possibilities to delight your customers with expressive card designs. If you are looking to create and launch your own exclusive line of custom cards, our team can certainly assist you.



### ToPay Clear | TRANSPARENT PLASTIC

ToPay Clear cards allow you to have partial or full transparency on the card's core. In addition to its compatibility with other effects, several layers can be combined to create a 3D effect. To ensure that banking cards made of transparent PVC are recognized when inserted into an ATM slot, they are covered with an IR blocker ink.

Our team at Toppan Gravity is keen on developing less and less visible antennas for contactless and dual interface transparent cards.



## CARD BASE MATERIAL

### ToPay Oxy | ECO-FRIENDLY PLASTIC

With the ToPay Oxy cards range of environmental friendly cards, we are aiming at being more sustainable and lowering the environmental impact as a card manufacturer.

Our diversified range includes 100% recycled PVC, rPET-G, PET-G and PLA cards.



### ToPay Hue | COLORED CORE

You can customize your cards with ToPay Hue according to your brand identity and the type of effect you want to achieve.

Depending on your preference, you can choose from a variety of colors to meet your needs.


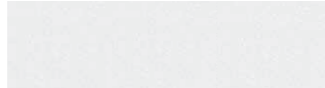
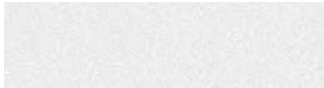
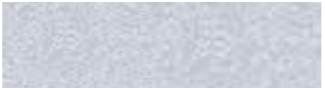












# CARD EFFECTS

## ToPay Lush | METALLIC EFFECT

ToPay Lush cards enable you to add a luxurious flare to your cards with a silkscreen print that incorporates gold, silver, or platinum inks.

Using these inks in combination with black ink will result in color gradations.

	Silkscreen Whitewash		Pearlescent S3743
	Pearlescent S11345		Platinum Silver
	Amex Silver		LT Silver
	Glitter Silver S4170		Diners Silver
	LT Silver S4168		LT Gold 7125
	Citibank LT Gold U10632		Champagne Gold S11573
	Amex Gold U20691		Eagle Gold S4189



## ToPay Tint | COLORED MAGSTRIPE

Add another customizable layer to your cards with ToPay Tint. To give your cards a special character, you can choose from a variety of different LoCo/HiCo magstripe colors.

To make your cards stand out even more, magstripes can be overprinted with any desired pattern, icon or text.

More color options are available upon request.



## ToPay Touch | TACTILE EFFECT

Stimulate your customers' senses with ToPay Touch cards. Through special finishes and textures added to the card surface, customers can enjoy an engaging and satisfying customer experience with one touch.

There is a wide range of tactile effect of different materials available: leather, sand, flower petals, and more.

More tactile effect options are available upon request.



## ToPay Abstract | DIMENSIONAL INLAY

Create a unique character for every card with ToPay Abstract. By adding an unrepeatable pattern to the PVC layer, each card will be unique. Depending on your preferences, this effect is available in a variety of colors.

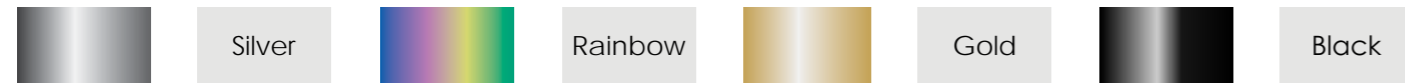
More color and design options are available upon request.



### ToPay Accent | HOT STAMPING

Toppan Gravity's ToPay Accent cards add a glamorous touch to your cards. Whether you want to highlight your logo, a text or a certain design element on the card, with ToPay Accent you will for sure grab attention.

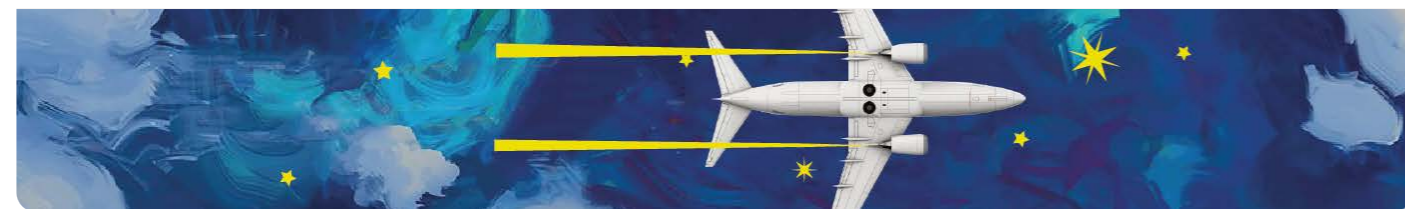
More color and design options are available upon request.



### ToPay Lumino | GLOW IN THE DARK

Our ToPay Lumino feature enhances your customers' experience by adding a bit of glow to your cards. With our phosphorescent optically variable inks, your unique cards will come to life.

More design options are available upon request.



### ToPay Flare | FLUORESCENT EFFECT

The ToPay Flare cards light up when exposed to ultraviolet radiation. Upon turning off the UV lamp, the fluorescence light disappears immediately.

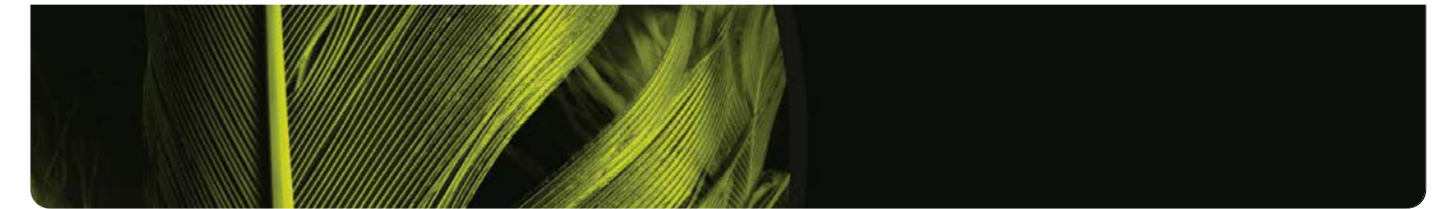
More design options are available upon request.



### ToPay Sol | REACTIVE INK

Add a touch of magic to your card with ToPay Sol reactive ink. The black paint bleaches when the card is exposed to heat or direct sunlight.

As a result of the reaction between reactive inks and temperature, the printed card design is revealed and color returns to its original state.



### ToPay Scent | AROMATIC EFFECT

Infused with the fragrance of your choice, the ToPay Scent cards are designed to differentiate your cards by reviving your customers' senses.

By being associated with a sensual fragrance experience your brand image will be taken to the next level.

There is a wide range of aromas available:



### ToPay Line | COLORED EDGE

With the ToPay Line colored edge Cards, you can customize your cards by adding solid or gradient vibrant colors to the edges. The bright colors of these eye-catchers make the card easily recognizable to customers who take it out of their wallets. By adding a special color to the edge of the card, banks and card issuers get the chance to differentiate themselves and stand out from their competition.



## ToPay Frame | FRAME IN COLOR

Add another customizable layer to your card with the ToPay Frame. Printed along the edges on the surface and/or at the back of the card, a thin color line makes your card stand out from the competition.

More color options are available upon request.



## Card Finish | MATTE AND GLOSSY

Depending on the artwork, your brand identity and the effect you would like to achieve with your cards, you can choose between a matte or glossy card finish.



Glossy



Matte



## ToPay OVI | OPTICAL VARIABLE INK

Give your card some magic with ToPay OVI. This special ink can be applied selectively or over the entire surface of your card.

As a result, it transforms the card design upon tilting the card by changing from one colour to the other.

More color options are available upon request.

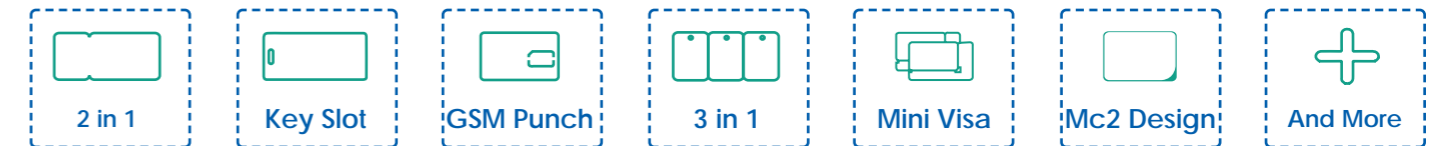


## ToPay CONTOUR | SPECIAL DIE CUTS

The ToPay Contour cards come in a variety of sizes, shapes, and designs to meet the needs of our clients, both in terms of design and functionality.

Make your brand stand out with unique card shapes that are designed to highlight your logo or any key element of your choice.

There is a wide range of special die cuts available:



## CARD MATERIAL EFFECTS

Card Body Material		ToPay Line   Colored Edge	ToPay Lush Metallic Effect	ToPay Tint Colored Magstripe	ToPay Touch Tactile	ToPay Abstract Dimensional Inlay	ToPay Accent Hot Stamping	ToPay Lumino Glow in the Dark	ToPay Flare Fluorescent	ToPay Sol Reactive Ink	ToPay Scent Aromatic Cards	Card Finish Matte or Glossy	ToPay OVI Optical Variable Ink	ToPay Contour Special Die Cuts
High Durable	PET-F	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
	rPVC	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
Eco-friendly	PLA	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
	rPETG	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
Standard	PVC	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
	Holographic Plastic	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
	Transparent Plastic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Colored PVC	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓
Remarks		Not compatible with Tactile Spot UV and Hot Stamping			Not compatible with Print Color Edge		Not compatible with Tactile Spot UV and Print Color Edge				Not compatible with Print Color Edge			

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