

Eco-Friendly Card Manufacturing

Explore our approach to eco-friendly card manufacturing that includes recycled materials, sustainable practices, and plastic net-zero cards.



The payment card ecosystem has long relied on first-use plastics. As the industry seeks to reduce the environmental impact of card production, spurred by [Mastercard's announcement*](#) to eliminate virgin PVC plastics from payment cards by 2028, interest in more sustainable card manufacturing has never been higher.

ABC Corp leverages a multi-pronged approach to reduce the environmental impact of the cards we manufacture for our customers. From recycled materials and sustainable manufacturing practices to our innovative partnership with Plastic Bank, ABC Corp is at the forefront of environmentally-sound card manufacturing.

Here are the cornerstones of our approach.



Eco-Friendly Card Construction Materials

We offer a wide variety of eco-friendly card construction materials including recycled plastics, renewable plant-based materials, and responsibly sourced recycled paper.



Sustainable Manufacturing Practices

Our global manufacturing model delivers efficiency at scale. Investments in solar power, electric-powered machinery, and non-solvent based inks help reduce the environmental impact of card production.



Partnership with Plastic Bank

We partner with Plastic Bank to offer plastic net-zero card products, backed by transparent reporting and blockchain technology.

*Mastercard. [Mastercard to eliminate first-use PVC plastics from payment cards by 2028](#). April 26, 2023.

Eco-Friendly Card Construction Materials

We offer the following recycled plastics for card construction:

- Recycled PET (rPET from recycled bottles)
- Recycled PETG (rPETG)
- Recycled PVC (rPVC)

Or choose renewable, plant-based materials such as Polylactic (PLA) products and biodegradable materials including responsibly sourced recycled paper.

Sustainable Manufacturing Practices

Our global manufacturing facilities provide closer proximity to customers, reducing fossil fuel consumption and the environmental impact of long-haul transportation. Investments in solar power fuel our electric-powered machinery, and UV printing inks reduce emissions as compared to traditional solvent-based inks. Our extensive partnership network also allows us to offer greener chip options. This includes an encapsulated module that eliminates the need for an embedded antenna in the card body, reducing material usage and promoting sustainability.

Plastic Net-Zero Cards: Partnership with Plastic Bank



Through our partnership with Plastic Bank, customers can offset the environmental impact of card plastic. Plastic Bank is a social fintech with a global bottle deposit program that supports financial inclusion and reduces plastic pollution, allowing our customers to offer plastic net-zero payment cards.

Our customers can reduce their plastic footprint and support communities by leveraging our partnership. Traceable collection, secured income, and verified reporting is delivered through Plastic Bank's blockchain-secured platform that tracks the following sample metrics:



245,454
KG extracted



12,272,700
Bottles prevented



1,638
People impacted



171
Communities impacted

Let's talk.

Learn about ABCorp's approach to the payment card ecosystem.

