

Think inside and outside the box

Sustainability is a key focus within the folding carton industry and is by no means a new phenomenon. However, in recent years there has been a huge acceleration as the awareness of environmental issues has dramatically increased and with this, more and more converters and brand owners are looking to transform their packaging with eco-friendly solutions.

Inks and coatings are crucial enablers in this challenge, providing solutions that ensure brand owners can create strong, safe and sustainable packaging that meets the demands of consumers and legislators alike.

So, what's driving the sustainability agenda for folding cartons? What does this mean for suppliers? And how can our solutions help?

Take a look to find out more.

A brief backdrop to sustainability in folding cartons...

The global folding cartons market is projected to grow from **\$162.5 billion** in 2022 to **\$226.1 billion** in 2029 at a CAGR of **4.8%**¹

Folding cartons offer multiple benefits, which are helping to drive this market growth. They are:

- Available in almost any size and shape
 - Highly customisable
- Suitable for packaging a huge number of products across countless industries
 - Cost-effective
 - Environment-friendly²

The European directive on single-use plastics has set out to eliminate single-use plastic by 2025, creating demand for eco-friendly packaging

Brand owners have adopted a more responsible packaging policy, including the design and production of packaging

There's been significant growth within food packaging, in particular the food service sector, with surges in demand for takeaways, drive-thrus and on-the-go food, driving growth for folding carton packaging

Driving brand owners and converters to seek products from suppliers that are...



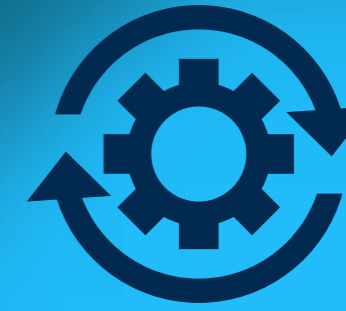
Sustainable while also functioning well on fast-running printing presses



Environmentally friendly, with high levels of bio-renewable content



Safe for direct food contact enabling converters to print on the inside and outside of the packaging with no contamination to the contents



Backed by tools that streamline the printing process and increase productivity, while also remaining sustainable



Mono-material – making them far more straight-forward to recycle

And we've got the solutions right here...

Inks that allow the manufacture of food contact articles, which are compliant with both EU food contact material regulations and FDA regulations³ SunPak® DirectFood Plus in combination with SunSpec Sunstar direct food contact aqueous overprint varnishes

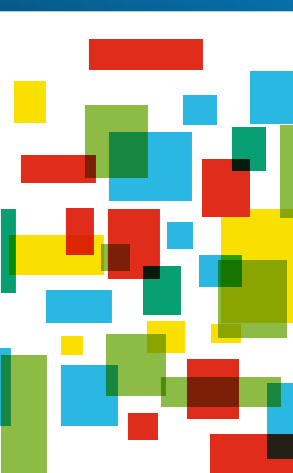
Low migration inks, designed for use on the non-food-contact side of food packaging applications that contain up to 89% renewable materials and are Cradle to Cradle certified⁴. The inks offer optimized performance at high speeds, ensuring high productivity on all fibre based board types
SunPak® FSP EcoPace

A digital color management solution that delivers a fully digital workflow to achieve color consistency
SunColorBox

Sun Chemical works stringently to ensure that our ink and coating solutions are environmentally friendly, ensuring high levels of bio-renewable content. We are committed to the optimization of our inks and coatings through extensive R&D and innovation and we can help you to create the total package – without comprising environmental impact reduction.

Let us help you to transform your products by thinking inside and outside the box.

SunChemical®
a member of the DIC group



¹ <https://www.fortunebusinessinsights.com/folding-cartons-market-104888>
² <https://www.fortunebusinessinsights.com/folding-cartons-market-104888>
³ Available Upon Request the Sun Chemical Statement FDA DFP 20220608
⁴ <https://c2ccertified.org/certified-products-and-materials/vegetable-sheathed-offset-inks-sunlit-diamond-g-sunpak-fsp-g>
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