

# **POLYPROPYLENE SHEETS FOR HIGH QUALITY PRINTING**

## **AkyLux® Sign / Correx®**

*(formerly AkyPlac®)*

Polypropylene  
Twinwall Sheets

## **AkyBoard® Print**

Polypropylene  
Bubble Core Sheets  
*(formerly AkyPrint®)*

## **AkyPlen®**

Polypropylene  
Solid Sheets





# Over 50 years of experience in **PP SHEET EXTRUSION & INNOVATION**

With over **50 years of experience in plastics extrusion** Corplex has earned a name through its different sheets brand : **AkyLux®**, **Correx®**, **AkyBoard®** and **AkyPlen®**.

Our **industrial expertise** and **innovative mindset** make us a reliable partner for efficient & sustainable sheets solutions.

**Corplex' Polypropylene Sheet range of solutions** is a comprehensive printing material line that combines premium quality with environmental responsibility.

## **SHAPING** Sustainable Polypropylene Solutions

At Corplex, we transform polypropylene material into innovative, circular and sustainable solutions for a multitude of industries worldwide.

Our purpose is clear: to **close the loop on plastics**, turning waste into valuable resources while helping our partners **build more efficient and eco-friendly supply chains**.

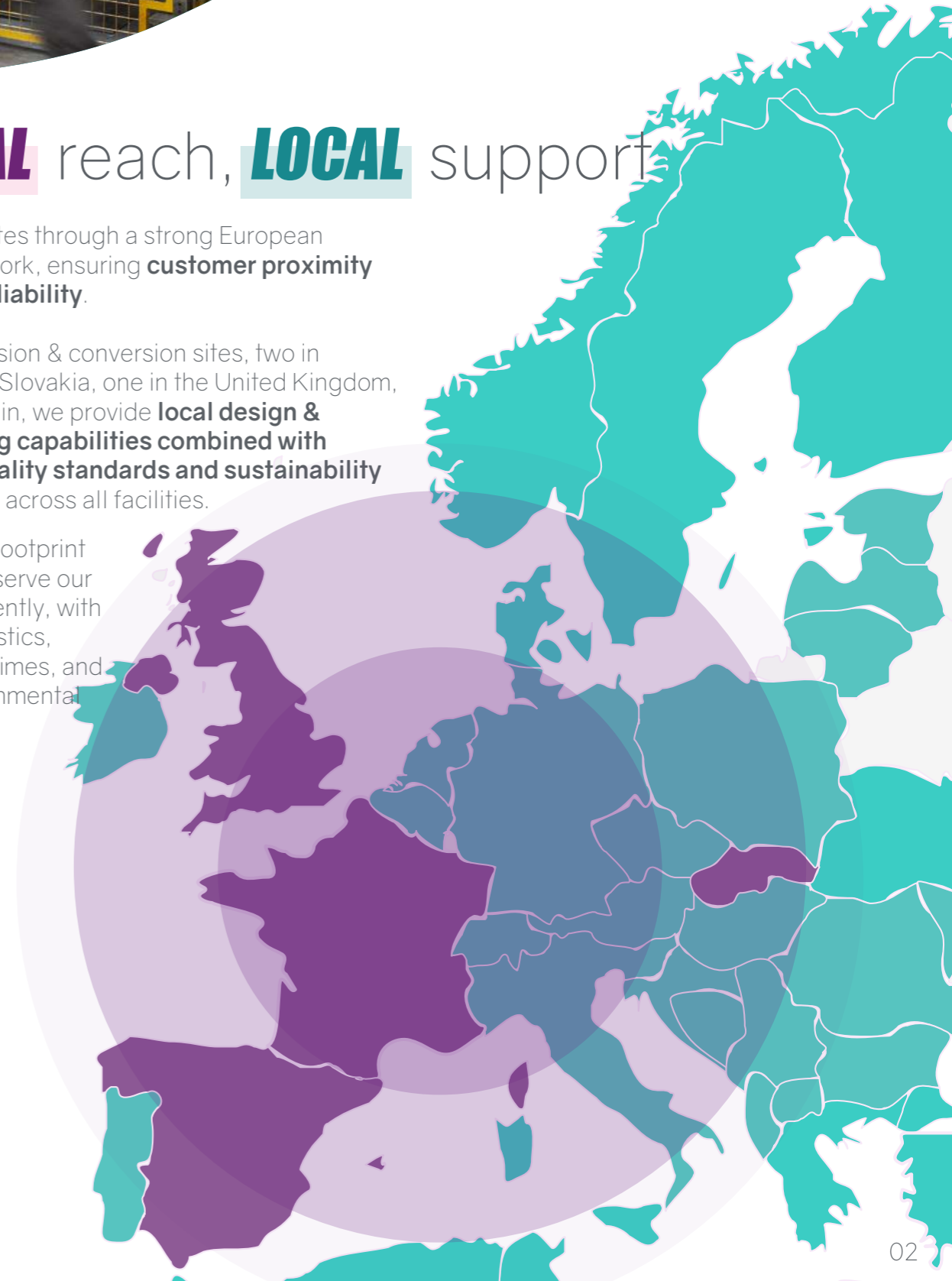
Our mission is to **design, manufacture and deliver innovative plastic solutions** that drive performance, reusability and sustainability.

## **GLOBAL** reach, **LOCAL** support

Corplex operates through a strong European industrial network, ensuring **customer proximity and supply reliability**.

With five extrusion & conversion sites, two in France, one in Slovakia, one in the United Kingdom, and one in Spain, we provide **local design & manufacturing capabilities combined with consistent quality standards and sustainability commitments** across all facilities.

This strategic footprint enables us to serve our partners efficiently, with optimised logistics, reduced lead times, and a lower environmental impact.



## CORPLEX **KEY FIGURES**



**+550**  
employees



**5**  
extruding & converting plants



**+50**  
years of experience

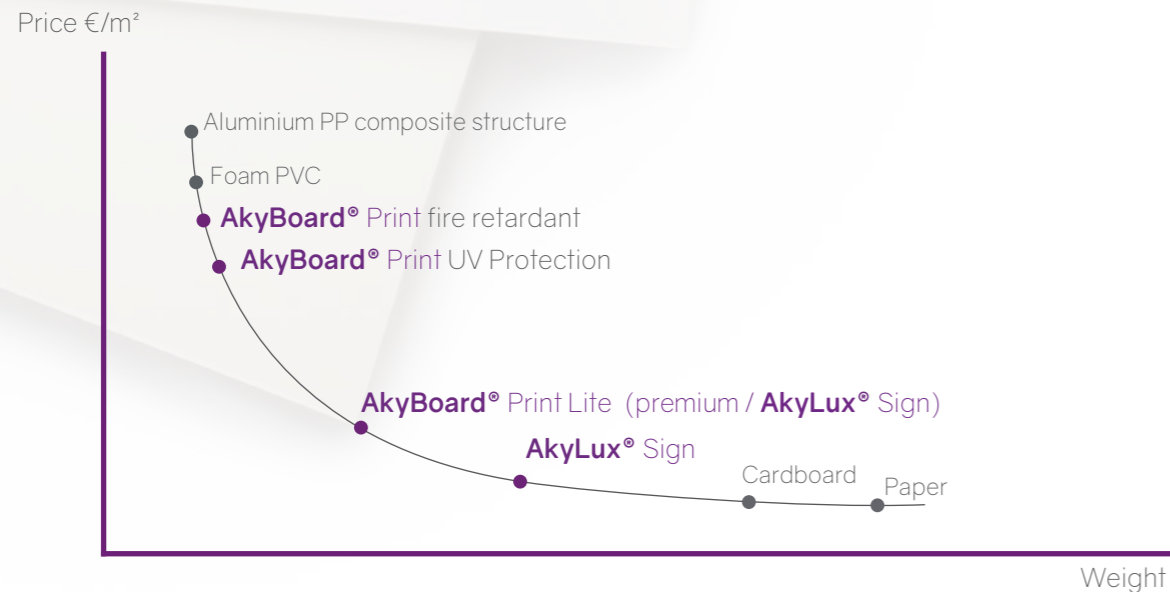
# Polypropylene material an **ECONOMIC & SUSTAINABLE** alternative

Polypropylene (PP) is more than just a substrate, it is the cornerstone of a responsible, modern supply chain.

Unlike composite materials that bond disparate elements together, our extruded PP is a pure, single-polymer solution. This chemical simplicity is its greatest environmental strength: **it is 100% recyclable** (Resin Code 5) and avoids the hazardous chlorine and phthalates found in traditional PVC.

By choosing PP, your business benefits from a high-performance material that supports a circular economy.

For businesses looking to meet ESG (Environmental, Social, and Governance) targets, our extruded PP offers a **seamless transition to sustainability without compromising on print quality or structural integrity.**



## SUMMARY

With decades of industry leadership, Corplex is **redefining performance through sustainability.**

Our new RC50 range is the latest example, offering 50% recycled content while maintaining zero compromise on performance.

Our commitment to the circular economy has led us to look beyond manufacturing and focus on closing the loop.

Through our «Take-Back» program and the development of the World-First Solvent-Free Deinking machine, we ensure that valuable materials remain in use as long as possible, **turning yesterday's prints into tomorrow's high-quality substrates.**



### AkyLux® Sign (formerly AkyPlac) Correx®

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# AkyLux® Sign / Correx® (formerly AkyPlac®) Twinwall Polypropylene Sheets



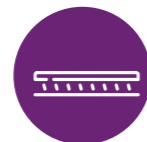
## The optimal printing material for **EYE-CATCHING SIGNAGE & DISPLAYS**

AkyLux® Sign, previously branded as AkyPlac®, is a budget-friendly, lightweight, and weather-resistant polypropylene sheet that is perfect for outdoor promotional signs, temporary displays, and printed communication needs.

Its smooth surface makes it ideal for double-sided printing. Engineered to cater to the demands of screen printing, digital printing, and film lamination projects, it ensures top-notch printing results and vibrant colours to enhance your information or advertising message.



Screen & Digital  
Printing



Flat & uniform  
surface



Customisable  
treatments  
(UV, Corona)



Weather  
resistant



Shock  
resistant



Lightweight



Easy  
to convert



Recyclable

## INDOOR OR OUTDOOR?

Both, of course!

Made of durable, recyclable polypropylene, AkyLux® Sign sheets are made to withstand extreme weather without fading. Their resilience and vibrant color retention make them ideal for indoor and outdoor use, including real estate signs, campaign posters, and promotional displays.



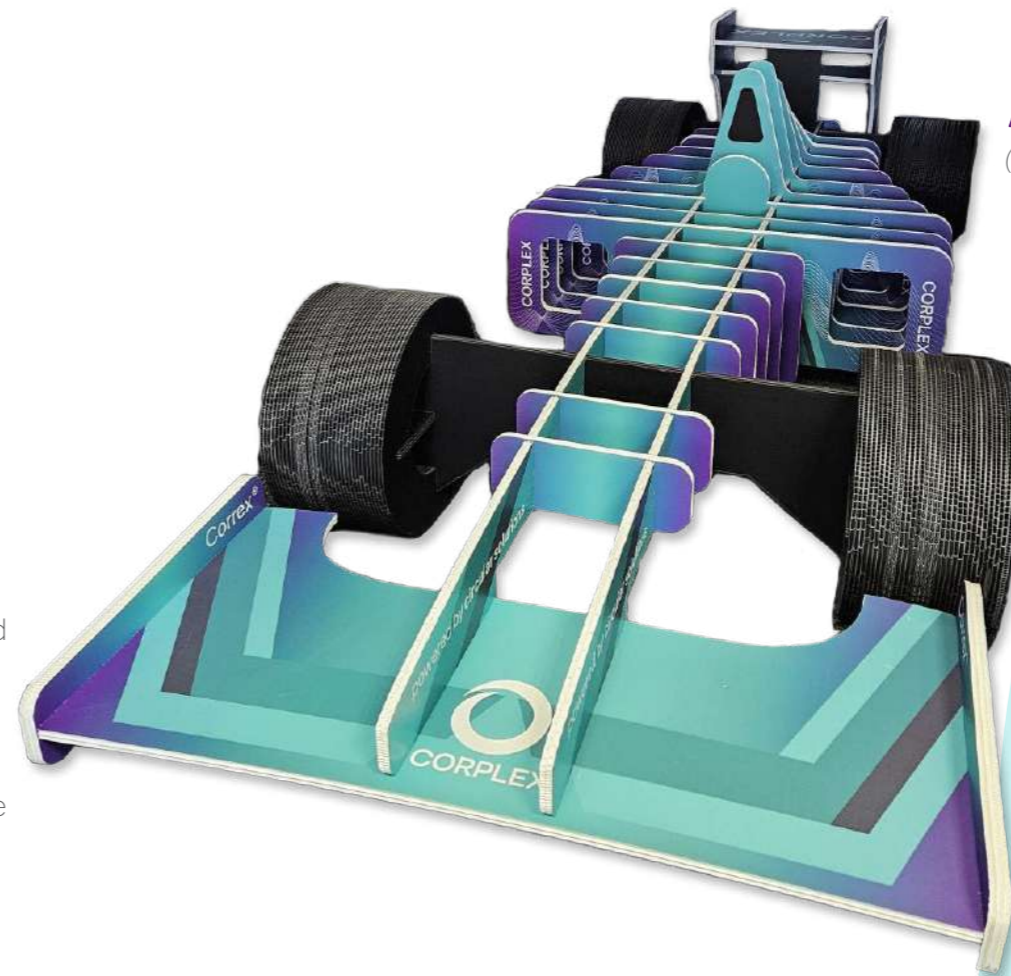
Say **YES** to  
Recycled,  
Say **NO**  
to low  
quality

## AkyLux® Sign RC50

The RC50 series mirrors the mechanical and printing characteristics of standard AkyLux® Sign sheets while incorporating up to 50% recycled polypropylene.

Enjoy identical print capabilities and vibrant colours, all with reduced environmental impact.

# AkyLux® Sign / Correx® (formerly AkyPlac®) Twinwall Polypropylene Sheets



## SUSTAINABLE CHOICE

for your signage  
& advertising

AkyLux® Sign sheets are a sustainable solution because of their monomaterial properties and smooth surface for direct printing, eliminating the need for an additional printable layer.

In turn, AkyLux® Sign sheets are fully recyclable after use. To facilitate the recycling process, Corplex provides a turn-key Plastics Recovery Program that allows used sheets to be collected and recycled into new ones using a low-CO2 process.

Selected Corplex locations have de-inking machines, ensuring that even heavily printed AkyLux® Sign sheets never go to waste. We call this "closing the loop" on our materials, which is a true enabler of the circular economy.

## CASE STUDY

Read how Corplex's Mechanical Deinking System has Transformed Bus Advertising

Click/Scan the QR code to access it.



# AkyBoard® Print

## Bubble Core Polypropylene Sheets

(formerly AkyPrint)



### Beautiful **SIGNAGE** & Elegant **DISPLAYS!**

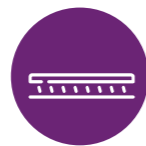
Previously branded as **AkyPrint®**, **AkyBoard® Print** is a premium solution for creating sleek, flat, and long-lasting indoor and outdoor advertising applications.

**AkyBoard® Print** is a versatile printing substrate for stunning graphics, from captivating advertising boards to visually appealing trade show displays and useful directional signage.

**AkyBoard® Print**, made of high-quality polypropylene and featuring two flat, smooth surfaces joined by a robust bubble core structure, is the lightest and most cost-effective alternative to heavier and difficult-to-recycle materials such as foam PVC or aluminium composites.



Screen & Digital Printing



Flat & uniform surface



Customisable treatments  
(UV, Corona)



Easy to convert



Recyclable



Weather resistant



Shock resistant



Lightweight



Flame Retardant  
(depending on grammage)

### AkyBoard® Print Lite

(Formerly AkyLite)

**AkyBoard® Print Lite** offers a lighter alternative to **AkyBoard® Print**, making it perfect for short-term advertising needs such as election panels or promotional sales. With a flat, uniform, and smooth printing surface, it ensures high-impact and quality single-sided graphics.



# AkyBoard® Print

## Bubble Core Polypropylene Sheets

(formerly AkyPrint)



### AkyBoard® Print & AkyBoard® Print Lite 3R

The 3R series mirrors the mechanical and printing characteristics of standard **AkyBoard® Print** and **AkyBoard® Print Lite** sheets, but it also includes a black bubble core made of recycled polypropylene between the flat, smooth external layers in whatever colour your graphics require.

These series are particularly well-suited to businesses that prioritize sustainability without compromising on print quality.

### AkyBoard® Print Black

Opting for black sheets introduces fresh possibilities in the competitive signage market, opening new sectors such as museums and decorative projects. **AkyBoard® Print Black** ensures elegant, long-lasting, high-contrast, and easily readable printed panels that stand the test of time.



### Hassle-free **CLOSED-LOOP RECYCLING**

Corplex works with a network of partners to provide its customers with a rewarding and hassle-free Plastics Recovery Program, ensuring that no high-quality plastic material goes to waste.

To learn more about this program, simply click/scan the QR code.





**AkyPlen®**, the ideal flexible sheet for your printing

AkyPlen® is a solid but flexible polypropylene sheet that is extremely resistant to wear and tear, despite its light weight. It is chemically, water, and weather resistant.

Its printed graphics - screen, offset, or digitally printed remain vibrant rain or shine. Its surface comes in a variety of finishes: gloss, sand, quartz.



**AkyPlen® RC50**  
Contains 50% recycled PP

**Choose AkyPlen® RC50 for enhanced sustainable commitment**

The RC50 series mirrors the mechanical and printing characteristics of standard AkyPlen® sheets while incorporating up to 50% recycled polypropylene.

Enjoy identical print capabilities and conversion abilities, all with reduced environmental impact – showcasing your dedication to sustainability at an even deeper level!



Screen, Digital & Offset Printing



Weather resistant



Customisable treatments & finishes



2 sided printing



Easy to convert



Recyclable

**For a multitude of applications**

Its ability to withstand water and to be diecut to the smallest dimensions make AkyPlen® the preferred material for horticultural labels: plant images, symbols and care instructions are printed vividly and can be easily read.

When converted into packaging applications, AkyPlen® provides an optimal canvas for brand messaging and product information.



**Hassle-free CLOSED-LOOP RECYCLING**

Corplex works with a network of partners to provide its customers with a rewarding and hassle-free Plastics Recovery Program, ensuring that no high-quality plastic material goes to waste.



To learn more about this program, simply click/scan the QR code.

**AkyPlen®**

Conversion into packaging applications



Flexible Packaging

**AkyPlen®**

For printing applications



Horticulture labels

# TECHNICAL SPECIFICATIONS

## AkyBoard® Print (formerly AkyPrint®)

Minimum format: 550x500mm | Maximum format: 4100x2050mm

| Quality   |                       |    | Treatments* |                 | Printing      |         |         |         |
|-----------|-----------------------|----|-------------|-----------------|---------------|---------|---------|---------|
| Thickness | Grammage              | 3R | UV          | Flame Retardant | Silk - Screen |         | Digital |         |
|           |                       |    |             |                 | 1 sided       | 2 sided | 1 sided | 2 sided |
| 3mm       | 750gr/m <sup>2</sup>  | ●  | ●           | B-s1, d0        | ●             | ●       | ●       | ●       |
| 3.3mm     | 900gr/m <sup>2</sup>  | ●  | ●           | B1<br>B-s1, d0  | ●             | ●       | ●       | ●       |
| 4mm       | 1300gr/m <sup>2</sup> | ▲  | ●           | B1              | ●             | ●       | ●       | ●       |
| 5mm       | 1300gr/m <sup>2</sup> | ●  | ●           |                 | ●             | ●       | ●       | ●       |
| 5.4mm     | 1600gr/m <sup>2</sup> | ●  | ●           | B1<br>C-s2, d0  | ●             | ●       | ●       | ●       |
| 9.5mm     | 2000gr/m <sup>2</sup> | ▲  | ●           |                 | ●             | ●       | ●       | ●       |
| 9.6mm     | 2600gr/m <sup>2</sup> | ▲  | ●           |                 | ●             | ●       | ●       | ●       |

## AkyBoard® Print Lite (formerly AkyLite®)

Minimum format: 550x500mm | Maximum format: 3500x2050mm

| Quality   |                      |    | Treatments* |                | Printing      |         |         |         |
|-----------|----------------------|----|-------------|----------------|---------------|---------|---------|---------|
| Thickness | Grammage             | 3R | UV          | Fire Retardant | Silk - Screen |         | Digital |         |
|           |                      |    |             |                | 1 sided       | 2 sided | 1 sided | 2 sided |
| 2.5mm     | 450gr/m <sup>2</sup> | ●  | ▲           |                | ●             |         | ●       |         |
| 2.9mm     | 600gr/m <sup>2</sup> | ●  | ▲           | B1<br>B-s1, d0 | ●             |         | ●       |         |

## AkyBoard® Print Black

Minimum format: 550x500mm | Maximum format: 4100x2050mm

| Quality   |                       |    | Treatments* |                | Printing      |         |         |         |
|-----------|-----------------------|----|-------------|----------------|---------------|---------|---------|---------|
| Thickness | Grammage              | 3R | UV          | Fire Retardant | Silk - Screen |         | Digital |         |
|           |                       |    |             |                | 1 sided       | 2 sided | 1 sided | 2 sided |
| 3mm       | 750gr/m <sup>2</sup>  | ●  | ●           |                | ●             | ●       | ●       | ●       |
| 4mm       | 1300gr/m <sup>2</sup> | ●  | ●           |                | ●             | ●       | ●       | ●       |
| 5mm       | 1300gr/m <sup>2</sup> | ●  | ●           |                | ●             | ●       | ●       | ●       |

# TECHNICAL SPECIFICATIONS

## AkyLux® Sign (formerly AkyPlac®)

Minimum format: 500x300mm | Maximum format: //4500x3000mm  
or //5000x2000mm

| Quality   |                       |      | Treatments* |                 | Printing      |         |         |         |
|-----------|-----------------------|------|-------------|-----------------|---------------|---------|---------|---------|
| Thickness | Grammage              | RC50 | UV          | Flame Retardant | Silk - Screen |         | Digital |         |
|           |                       |      |             |                 | 1 sided       | 2 sided | 1 sided | 2 sided |
| 3mm       | 450gr/m <sup>2</sup>  | ●    | ▲           |                 | ●             | ●       | ●       | ●       |
| 3.5mm     | 600gr/m <sup>2</sup>  | ●    | ▲           |                 | ●             | ●       | ●       | ●       |
| 5mm       | 1050gr/m <sup>2</sup> | ▲    | ▲           |                 | ●             | ●       | ●       | ●       |
| 5mm       | 1200gr/m <sup>2</sup> | ▲    | ▲           |                 | ●             | ●       | ●       | ●       |
| 5mm       | 1500gr/m <sup>2</sup> |      | ▲           |                 | ●             | ●       | ●       | ●       |
| 8mm       | 1400gr/m <sup>2</sup> | ●    | ●           |                 | ●             | ●       | ●       | ●       |
| 8mm       | 1500gr/m <sup>2</sup> | ▲    | ●           |                 | ●             | ●       | ●       | ●       |
| 10mm      | 1700gr/m <sup>2</sup> | ▲    | ●           |                 | ●             | ●       | ●       | ●       |
| 10mm      | 1800gr/m <sup>2</sup> | ▲    | ●           | B1              | ●             | ●       | ●       | ●       |

## AkyPlen®

Minimum format: 400x500mm | Maximum format: 2050x1220mm

| Quality <sup>1</sup> |                       |      | Treatments* |                | Printing      |         |         |         |         |         |
|----------------------|-----------------------|------|-------------|----------------|---------------|---------|---------|---------|---------|---------|
| Thickness            | Grammage              | RC50 | UV          | Fire Retardant | Silk - Screen |         | Digital |         | Offset  |         |
|                      |                       |      |             |                | 1 sided       | 2 sided | 1 sided | 2 sided | 1 sided | 2 sided |
| 0.3mm                | 276gr/m <sup>3</sup>  | ▲    | ▲           |                | ●             | ●       | ●       | ●       | ●       | ●       |
| 0.5mm                | 460gr/m <sup>3</sup>  | ▲    | ▲           |                | ●             | ●       | ●       | ●       | ●       | ●       |
| 0.8mm                | 736gr/m <sup>3</sup>  | ▲    | ▲           |                | ●             | ●       | ●       | ●       | ●       | ●       |
| 1.2mm                | 1104gr/m <sup>3</sup> | ▲    | ▲           |                | ●             | ●       | ●       | ●       | ●       | ●       |
| 1.6mm                | 1472gr/m <sup>3</sup> | ▲    | ▲           |                | ●             | ●       | ●       | ●       | ●       | ●       |

▲ On request ● Standard

<sup>1</sup>available with different surface finishes: gloss, quartz, sand.  
\*UV and fire retardant treatments cannot be applied on the same sheet.

# Commit to Circular Economy with the **CLOSED-LOOP RECYCLING** program.

## How does it work?

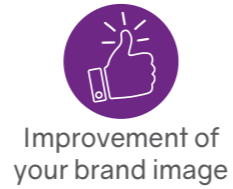
In short, the program consists of 4 key steps which are:

1. We ship our sheets to you to be used and reused.
2. At the end of their life, you return them to us.
3. We recycle and repurpose them into new products.
4. We pay you for the products that were returned to us.

The program creates a win-win partnership with our customers, allowing you to:

- > Improve your sustainability efforts
- > Reduce your plastic waste
- > Save money on disposal fees
- > Free up warehouse space
- > Get paid for your plastic waste

To learn more about this program, simply click/scan the QR code.



## De-inking technology: a **GAME CHANGER** for the advertising industry



Corplex is bringing circularity to the printing and advertising industry by proving that heavily printed polypropylene boards can be de-inked and reused for new printing runs.

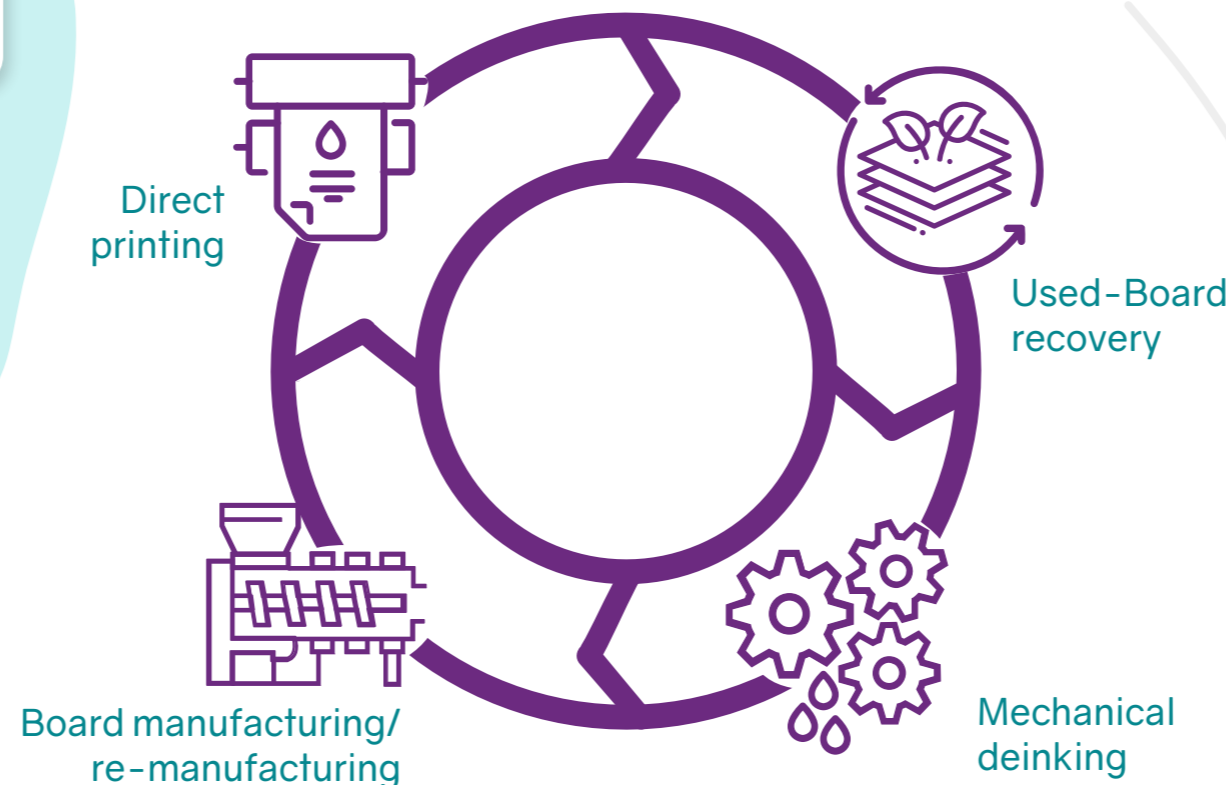
For the first time in the industry, Corplex has successfully adapted a mechanical de-inking process—originally validated for film de-inking—to effectively remove ink from heavily printed PP sheets, even when treated with UV-based coatings and UV-cured inks.

This revolutionary approach ensures that used advertising and promotional materials can be fully reintegrated into the production cycle, minimising waste and reducing environmental impact.

### CASE STUDY

Read how Corplex's Mechanical Deinking System has Transformed Bus Advertising

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## Circular Plastics Solutions

As a leader in plastics extrusion, Corplex is committed to designing and producing lightweight, efficient solutions made from high-quality materials specifically chosen for their durability.

Our mission, embodied in our tagline, is to lead the way in advancing the circular economy for plastics by collaborating closely with our customers to foster sustainability through reuse and recycling.

### Contact us:

[info.marketing@corplex.com](mailto:info.marketing@corplex.com)

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[corplex.com](http://corplex.com)

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