

AIRSPEED

# ECO FRIENDLY AIR CUSHIONS.

AirSpeed is one of our answers to the important question of how to ship the growing number of parcels sustainably. We do this by using air in an innovative way. Air makes up more than 99% of our protective packaging; the remaining 1% is made of fully recyclable material. Pregis is an expert in air cushions, which solve your packaging challenges by increasing packaging speed and reducing packaging material, transport costs, storage space and return rates.

## The Pregis Purpose



### **PROTECT.**

Protect our planet by reducing damage. Protect customers' products, profits, brand and customer lifetime value.



### **PRESERVE.**

Preserve natural resources & the environment by designing for circular economy and operational excellence.



### **INSPYRE.**

Inspyre people through education, industry advocacy, and professional and personal development. People are the "y" in Inspyre.



# 6 reasons why Pregis Air Cushions are eco friendly

At Pregis we take the circular economy into account when determining 'green'. Our materials are produced efficient, easy to transport, designed to protect during shipment, reusable and recyclable all with minimal impact to the environment.



## 100% recyclable

We only produce 100% reusable and recyclable packaging materials.



## 99% air

Our air cushions exist out of at least 99% air.



## EU Regulations

Meets the requirements of REACH, directive (94/62/EC), EN13427 and 21 CFR 177.



## Easy to dispose

Once they have served their purpose, there is only 1% of the material to be disposed.



## CO<sub>2</sub> saving

Less source material, damages, transport, waste and easy recycling.



## Water-based ink

The ink on the air cushions is water-based and not harmful to the environment.

## Our alternatives for fossil fuels



### ISCC certified renewable resin

That is what our AirSpeed Renew S line is all about! ISCC is a globally applicable sustainability certification system. It ensures traceability throughout the supply chain working with ISCC certificated partners only. Next to that our AirSpeed Renew S cushion is plantastic! It's made of an equivalent 55% natural, renewable bio mass like leaves and husks. It renews itself and we don't touch the food chain by using starch or corn. And if your company strives for CO<sub>2</sub> reduction it gets even better! Because the AirSpeed Renew S is (almost) climate neutral thanks to its plant derived ingredients.



### Recycled post-consumer waste

Pregis uses post-consumer waste in all its AirSpeed Renew products. Post-consumer waste has completed its life cycle as a consumer item and would otherwise have been disposed, like cans and plastic bottles. On the other hand, post industrial waste (or pre consumer waste) derives from companies, it consists of products that were never used in the consumer market. We strive for a circular economy and post-consumer waste embodies this. It is made from recycled products that served end-users, it was sold on the market for an useful purpose after which it is recycled again. This is sustainable and circular!



# Let's achieve your sustainable goals!

What are your goals regarding sustainability and circularity? That's the question we'd like to ask you. Reducing greenhouse gas emissions, a carbon neutral supply chain, reducing damages rates or using recycled content?

Let us know your sustainable challenges and we will create that change with our protective solutions and state of the art tools that deliver the proof.

At Pregis we care for a world where people, nature and business can grow in every sense. Our sustainable journey is in continuous development. Join us! Let's take our (mutual) responsibility and make that sustainable change: day by day, step by step!

## We are your knowledge partner with a track record regarding:

- Reducing environmental emissions
- Using recycled content
- Air versus paper: what's the better choice for me?
- Meeting the changing, stricter European taxes & legislations
- Improving your image
- Reducing water usage
- Reducing energy consumption
- Material reduction
- Waste elimination
- Reducing damage rate
- Reducing hazardous ingredients or products

## These are some of the tools we use to support, quantify and clarify:

- Ecogauge calculator
- Damage calculator
- Lifecycle analysis

# Environmental FAQ

## What is the difference between biodegradable and bio-based plastic?

'Bio-based' and 'biodegradable' are not synonymous. Bio-based products are wholly or partly derived from biological material. Examples include paper and wood, but also plastics like PLA (Polylactic Acid) whose building blocks are produced from sugars. This means that it might have an influence on the food chain.

Biodegradable plastics can be broken down by microorganisms into water, naturally occurring gases and biomass. Success depends largely on surrounding environmental conditions like temperature, water and oxygen levels. We don't offer biodegradable plastics because they cannot be easily recycled and will contaminate a recycling stream when not correctly sorted. Biodegradable materials often end up in landfill where the conditions do not allow them to effectively degrade.

## What is compostable plastic?

Compostable materials break down naturally. The rate of composing is affected by surrounding environmental conditions. Most compostable plastics require the temperature, humidity and the oxygen that can only be found in industrial composting facilities and not in domestic environments. According to the EN13432 standard, plastic packaging can only be called compostable if it is:

- > Biodegradable: the packaging material and its relevant organic components naturally degrade;
- > Able to disintegrate: the material is indistinguishable from compost and, therefore, does not need to be screened out;
- > Not ecotoxic: the material has no negative effect on the composting process and does not produce toxic material.

## Are Pregis air cushions reusable and recyclable?

All air cushions are 100% reusable and 100% recyclable. Reuse them to protect your valuable products for example. If you choose not to keep and reuse, you can dispose the deflated air cushions in the recycling bin where applicable. All of our products are clearly marked with the internationally recognised coding system. Interested in recycling tips? Visit: [www.pregis.com/sustainability/recycling-tips/](http://www.pregis.com/sustainability/recycling-tips/)

## What is eco-friendly about Pregis air cushions, aside from what it's made of?

Only 1% material + 99% air offer maximum protection of your products. This means:

- > Fewer pallets need to be shipped to you.
- > Your parcels will be lighter when packed with air.
- > Manufacturing and recycling of plastic requires minimal energy and water consumption.
- > Water-based ink stamps on the cushion don't interfere the recycling process.
- > Film core rolls are made from recycled paper.

## Why don't you add other bio-based plastics like PLA?

We proactively work with our suppliers to find suitable alternative material. Unfortunately, PLA bioplastics (Polylactic acid made from fermented plant starch like corn) is not an option yet as it is not recyclable with everyday plastics, like milk jugs and food containers. The main reason: PLA has a lower melting point than other plastics. Because of this, PLA is considered an "other" plastic. And unless you're incorporating a Resin Identification Code into each of your PLA prints, they won't be identifiable as such, meaning most communities won't let you recycle unidentified plastics.

# The Pregis purpose

Pregis takes a holistic approach to support our customers and the environment. We ensure that we not only PROTECT our customers' products but their bottom line. We PRESERVE the environment by creating packaging for the circular economy, which means we create the highest quality products while using less raw materials and maximizing recycled content.

Through partnerships with CEFLEX, Alliance To End Plastic Waste, ISCC, FSC, among others, Pregis is helping to increase the amount of recycled materials recovered and given a second life. And as a company, Pregis strives to INSPYRE our employees, customers, and consumers to think more sustainably and give back to our communities.



## LESS ENERGY

We only produce 100% reusable and recyclable packaging materials.



## LESS TIME

Since our products are manufactured on site and on demand, you will spend less time handling material and changing rolls.



## LESS WEIGHT

Packing with air protects your products without adding excess weight to your package. This means less CO<sub>2</sub> emission during transport.



## LESS MATERIAL

Our air cushions are made from 99% air, are fully recyclable and contain no harmful substances.

