

NON-PLASTICS GREENER PLANET



INTRODUCTION

AdventPac began in 1993. From humble beginnings- catering mainly to the local market- it has since expanded to become one of the leading manufacturers and exporters of premium packaging solutions. We pride ourselves on excellent service and constant product innovation. We are an ISO-certified packaging company, and are committed to making our world a cleaner, greener, and healthier planet.

VISION

To be a global leader in sustainable eco-friendly packaging solutions for a cleaner, greener, healthier planet.

MISSION


To innovate and supply superior packaging products that are safe for the environment.

To deliver excellent customer service, and create lasting value for our customers, employees, and shareholders; including future generations.

To practice Corporate Social Responsibility at every stage of our operations, consciously striving to make the world a better place by doing good.

And finally, to be the preferred eco-friendly packaging manufacturer in the region.

QUALITY ASSURANCE

From raw materials up till the finished product, every stage of the production process comes under the watchful eye of our trained technicians. When you see this mark , rest assured that every possible measure has been taken to produce the highest quality packaging products.

We are a CSR Company- A green partner of choice. Our quality control procedures comply with GMP, HACCP, ISO 9001, and ISO 45001 OHS standards.



MILESTONES





PRODUCTION FACILITY

Our manufacturing plant covers approximately 112,350 sq. ft. in Selangor, Malaysia. The production line is currently equipped with a modern facility of 50 extrusions, 55 cutting machines, 12 printing machines, and many more. Formulated in wide-ranging sizes, these machineries are engineered for diverse packaging systems to meet your company's needs.



PRODUCT OVERVIEW

We produce three types of packaging solutions:



Water soluble in hot water
Drinkable and marine safe
Strong, sturdy, durable
Our premium range, and world's first



Compostable and biodegradable
Strong, sturdy, durable
Available in Compostable and
Biohybrid



The industry's conventional solution
Recyclable, Reliable and Excellent Quality
Customisable according to your needs



PACKAGING TECHNOLOGY

**Non-toxic, eco-friendly, marine safe, and
dissolves in hot water**

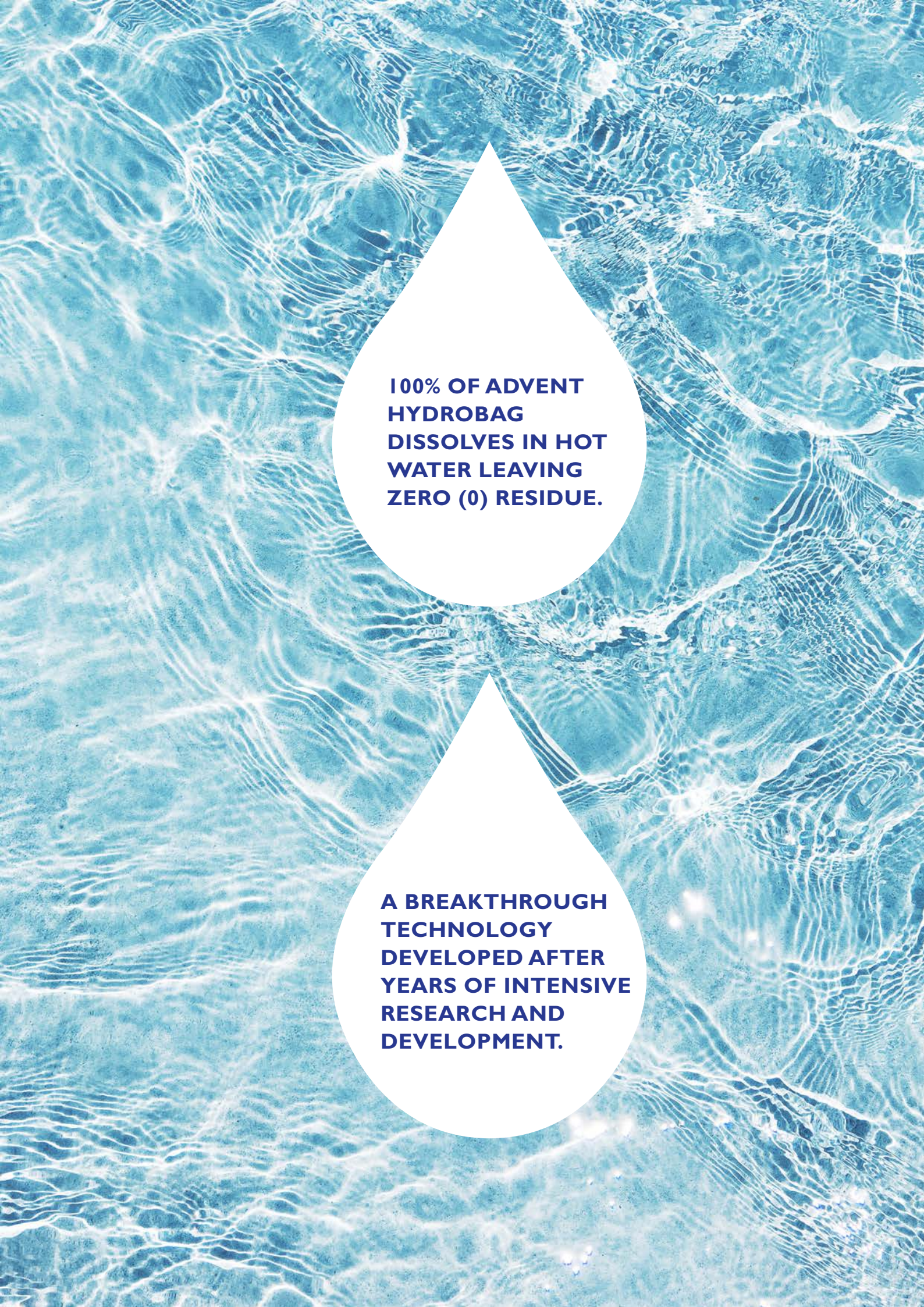
Advent Hydrobag begins life as an agent called Ethylene, a hydrocarbon which has the formula C_2H_4 or $H_2C=CH_2$.

Ethylene can be petro-derived or sustainably sourced from biomass. It is then converted into polyvinyl alcohol (PVOH). Colourless and odourless, PVOH has been used for years in surgical stitches.

It is hydrophilic (dissolvable in water) and has enhanced biodegradation properties. Independent studies have shown that it is extremely biodegradable in aerobic (soil, compost, freshwater) and anaerobic (sewerage, some landfills) conditions.

However, the real breakthrough comes from multifunctional polyvinyl alcohol pellets allowing the production of monolayer films which can biodegrade to carbon dioxide, and water.

This is converted into water-soluble polymers which then becomes Advent Hydrobag.



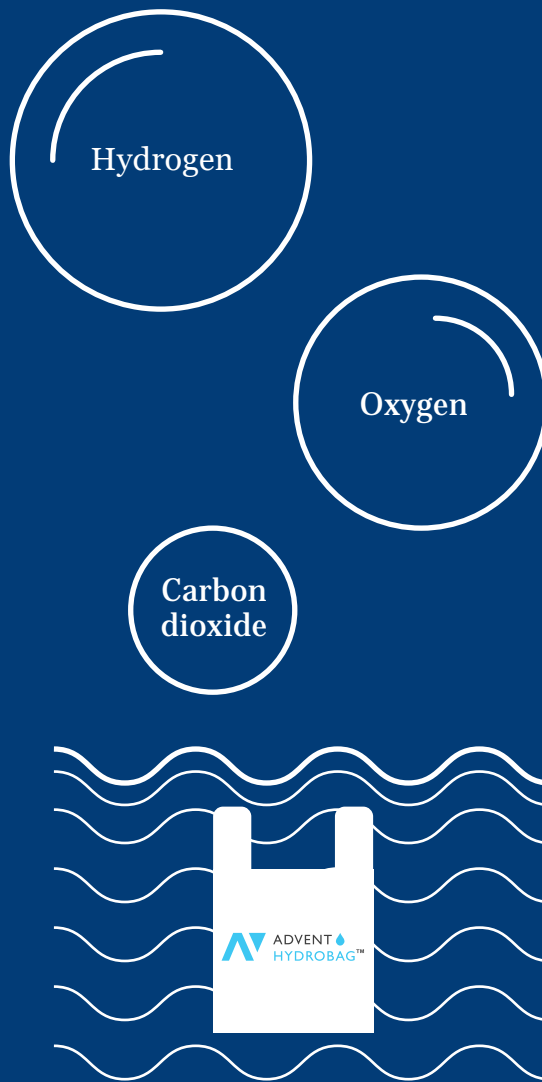
**100% OF ADVENT
HYDROBAG
DISSOLVES IN HOT
WATER LEAVING
ZERO (0) RESIDUE.**

**A BREAKTHROUGH
TECHNOLOGY
DEVELOPED AFTER
YEARS OF INTENSIVE
RESEARCH AND
DEVELOPMENT.**

100% SAFE FOR THE ENVIRONMENT



This logo is our assurance of quality. No matter where the packaging ends up, it will break down and return to its natural elements of hydrogen, oxygen, and carbon dioxide. Advent Hydrobag causes zero damage at its end of life.



NOW YOU SEE IT, NOW YOU DON'T

Advent Hydrobag becomes Hydrogen, Carbon, and Oxygen at the end of its life. The value it brings to your organisation, and to the environment, will be enjoyed by generations to come.



Soft touch

Colourable

Printable

REGULAR AND CUSTOMISED PACKAGING SOLUTIONS FOR RETAIL, COMMERCIAL, AND INDUSTRIAL BUSINESSES

Advent Hydrobag is a premium product. It can be customised according to any size. The material can be applied in multiple industries- for all kinds of everyday items. Solutions can also be tailored according to specific requirements.



Water soluble garment bags



Water Soluble Gloves

CYTOTOXIC LAUNDRY BAG GOES IN CLEAN SHEETS AND GARMENTS COME OUT

Introducing Advent Hydrobag's Cytotoxic laundry bag. Its unique water-soluble feature minimises OH&S risks when it comes to cytotoxicity. Place contaminated linen in the bag, then place the whole thing in the washing machine. The hot water will completely disintegrate our bag- leaving zero residue and zero stains. After the washing cycle is over, all that's left are clean sheets and garments.

Advantages:

- Lower OH&S risk
- Laundry bag protects handlers from exposure to cytotoxicity
- Cytotoxic linen easily identified in semi-transparent bags
- Lower dependency on incineration- reducing hazardous environmental effects



Standard Laundry Bag



Cytotoxic Bag

ADVENT HYDROBAG FAQs

What raw materials are Advent Hydrobag products made from?

The base smart water polymer is (PVA) polyvinyl alcohol derived from ethylene.

What happens if I spill hot coffee on Advent Hydrobag?

That depends on the temperature of the coffee. If the liquid is at 70°C or higher, it might create a spill-shaped hole. Other than that, it'll be fine.

Will Advent Hydrobag melt in the rain?

Not unless the rain is boiling hot.

How do I dispose of Advent Hydrobag?

You can dissolve it in hot water. It doesn't leave a residue- Advent Hydrobag is drinkable and marine safe. You can also use it to water your plants. You can also dispose it via: compost, anaerobic digester, recycling, or simply put it in the trash.

How long does it take for Advent Hydrobag to break down?

That depends on the thickness of the material and the environment where it ends up. Sun, water, temperature, micro-organisms, and bacteria all play a part in breaking down the product.

Is Advent Hydrobag toxic?

No. Our products are 100% non-toxic and 100% safe for the environment.

What happens if a marine life accidentally swallows Advent Hydrobag?

Again, it depends on the size of the bag and the size of the wildlife. Advent Hydrobag is non-toxic, environment-friendly, and probably a little tasty to these creatures.

What is left behind after Advent Hydrobag breaks down?

Carbon dioxide, and water. Nothing else.

ADVENT HYDROBAG IS DESIGNED FOR THE CIRCULAR ECONOMY, AND AIMS TO ERADICATE THE PROBLEM OF 'SINGLE USE' PLASTIC IN THE MODERN WORLD.





GROWN FROM THE EARTH RETURNED TO THE EARTH

A high-quality range made from sustainable and renewable resources to make your brand stand out.

Advent Greenpac's products have a lower carbon footprint, and come in two forms: Compostable and Biohybrid.

1. Our Compostable range is made from renewable resources and is fully biodegradable, meeting international standards for compostability, including:

- Europe's EN 13432
- USA's ASTM D 6400
- Japan's GreenPla
- Australia's AS 4736

2. Our Biohybrid range is designed for sustainability and low carbon footprint compared to traditional plastics. It's made from a blend of renewable thermoplastic materials and traditional polyolefins. Advent GreenPac Biohybrid can be recycled.

**LOOKS LIKE
PLASTIC**

**FEELS LIKE
PLASTIC**

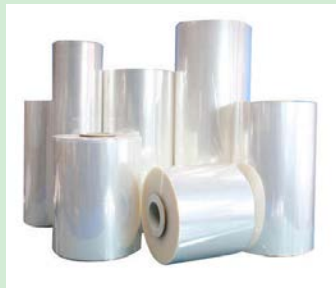
**BUT NOT
PLASTIC**



ADVENT GREENPAC SHRINK FILM, TUBING, AND COMPOSTABLE BAG

Safe, strong, and versatile. Available in Compostable and Biohybrid.

- Fully customisable
- Can be adapted for different machines and different speeds
- Great strength, durability, versatility, and low maintenance
- Compliant with ROHS requirements



Shrink film/ tubing



Shrink bag



Compostable bag



Courier bag



CUSTOMISABLE HIGH-QUALITY PACKAGING

The quality of our standard range is on par with products produced by other manufacturers. However, we go the extra mile to deliver unparalleled service- by understanding the complexities of your business and industry, by understanding your company's specific requirement and timelines, and by making sure you get the right product at the right time at the right price.

Our standard range is certified by the world's best:

- ASTM (American Society for Testing and Materials)
- RoHS Directive Compliance
- DIN EN 13432:2000-12 and
- EN 13432:2000



PACKAGING SOLUTIONS FOR RETAIL, COMMERCIAL, AND INDUSTRIAL BUSINESSES

Both ranges can be customised according to any size. The material can be applied in multiple industries- for all kinds of everyday items. Solutions can also be tailored according to specific requirements.



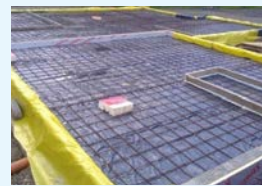
Agriculture



Airline



Clothing



Construction



Food



Furniture



Transportation



Medical



Mining



Retail



General
(Garbage bags, pallet
top sheets, trans colour
bags, and more)

WHY CHOOSE ADVENTPAC® ?

1. We are committed to sustainable business practices including:
 - Using solar energy and rainwater.
 - Recycling waste from manufacturing.
 - Making products that are safe for the environment.
2. We deliver excellent service and add value to your business. A satisfied customer is one thing. A loyal customer is another. We aim for loyalty.
3. We are a packaging solutions manufacturer. By working directly with the people who make the products, you reduce miscommunications and benefit from lower costs.
4. We stay on the cutting-edge of eco-friendly technologies. We are constantly developing new ways and new technologies to produce better, stronger, and more environment-friendly packaging solutions.

Clients include:

Ayamas

Ceramica Indah

Goodnite

Malaysia Airlines

Matsushita Great Wall

Nippon Electric Glass

Nippon Paint

Panasonic

Singapore Airlines

Slumberland

S&P Food Industries Sdn Bhd

and other renowned organisations.

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