

IT'S TIME TO SWITCH TO COMPOSTABLE BAGS!

TotalBio™

made from biodegradable and compostable plastics suitable for composting and other microbial treatment

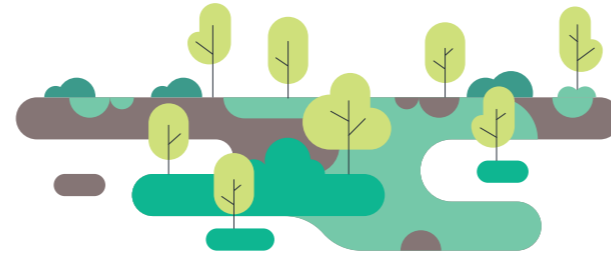


Not all biodegradable plastics are compostable.

But all compostable plastics are biodegradable.

What is Compostable?

Compostable refers to a product that will break down into natural elements, carbon dioxide and water vapor by organisms like bacteria and fungi, but only in a compost setting. Compostable materials are typically made from plants and other organic materials, such as corn starch, sugarcane and PLA plastic.



What are the benefits of using Compostable Bags?

Made from sustainable materials and plant by-products, compostable product brings you lots of eco-friendly benefits such as:



Decompose in a compost setting much faster than biodegradable option.



Entire bag breakdowns into nutrient-rich products (e.g. natural elements, carbon dioxide and water vapor), which generate healthy soil for the planet.



Leave no harmful residues behind and so not harmful to the environment.



Why choose TotalBio™?

Our products are manufactured from Ecopond® biodegradable and compostable plastic, using starch and lactide-based derivatives of plant sources. They are 100% compostable and can be broken down and metabolized by microorganisms, such as bacteria and fungi.



TotalBio products are accredited to meet the stringent Industrial Composting Australian Standard AS4736-2006 and Home Composting Australian Standard AS5810-2010. They require more than 90% of the plastic mass to convert into biomass, carbon dioxide and water within 6 months and 12 months respectively in compost and not leaving any harmful residues.








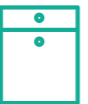








Compostable
AS 4736



Home Compostable
AS 5810

TotalBio™ offers you the marketing edge over competing suppliers. You can provide your customers with a sustainable choice in a market that is now placing increasing value on eco-friendly sound options.

TotalBio supplies high-quality compostable products with a range of domestic and commercial products, including –

- 
food Packaging
- 
singlet bag on roll
- 
bin liners in various forms
- 
die cut carrier
- 
grip seal bag / ziplock bag
- 
mailing bag
- 
produce roll
- 
dog poop bag
- 
drawtape bag on roll
- 
gloves
- 
apron
- 
table cover
- 
films
- 
singlet bag


All of these products can be manufactured to your specific designs and requirements.

Why do you need to start using Compostable Bags?

Today, packaging, especially plastics plays an essential role in our modern lifestyles, however, packaging is primarily made from finite resources and it's unclear how long it will take for a plastic bag to completely biodegrade into its constituent molecules. Estimates range from 450 years to never. Plus, no one knows how much of unrecycled plastic waste end up in either landfill, or as litter on land and in our oceans. But, for sure, we are in an alarming situation. Therefore, it is at utmost important that we take actions now to build a more sustainable community and planet by using compostable bags.

According to Australian Packaging Covenant Organisation (APCO), the “2025 National Packaging Targets” clearly articulate a set of objectives to improve the sustainability outcomes for all product packaging placed onto the Australian market by 2025.




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