



# THE BENEFITS OF HOME COMPOSTING



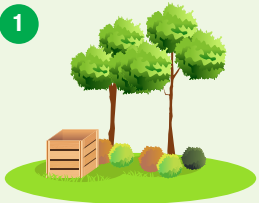


## How long does the film take to compost?


NatureFlex™ compostable films are manufactured from cellulose derived from wood pulp, which is sourced from sustainably managed plantations. The films biodegrade at a similar rate to reference cellulose and as such are readily compostable under ambient conditions. The slide frame shows the disintegration of a metallised film. NatureFlex™ films have been certified to OK Compost Home and to the Australian Standard AS5810. The latter includes worm toxicity testing and so demonstrates that NatureFlex™ films are also suitable for vermicomposting.




The slides show the disintegration of NatureFlex NM under ambient conditions. After 4 to 6 weeks, the film has essentially disappeared.

- 


**1** Select a dry, shady spot near a water source.

Ideal size for your compost area is 1 metre wide by 1 metre deep by 1 metre tall (1 cubic metre). You can buy a bin, use chicken wire, or just isolate an area of ground for your compost heap.
- 

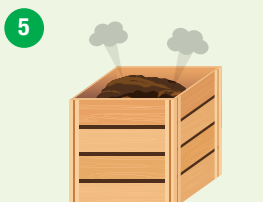
**2** Add brown and green material in alternate layers.

Try and keep the ratio roughly 3 parts browns to 1 part greens. Make sure larger pieces of material are chopped or shredded.
- 


**3** Keep the compost moist (but not too wet).

Moisture helps with the breakdown of organic matter
- 

**4** Occasionally turn your compost mixture to provide aeration.

This helps speed up the composting process and keeps things airy, which cuts the risk of things getting smelly.
- 

**5** As materials breakdown the pile will get warm.

There might even be steam. Don't be alarmed. That means it's working. Now you just have to wait.
- 

**6** All done!

When material is dark with no remnants of food or waste, your compost is ready. Add it to lawns and gardens or anywhere that could benefit from some good soil.

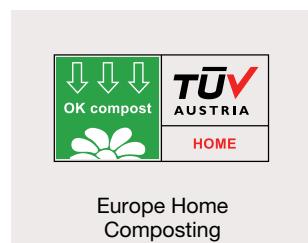
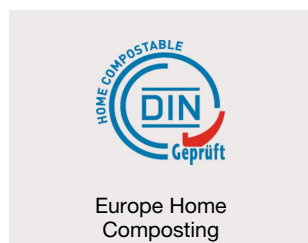
## What is compostable packaging?

It is biodegradable packaging that breaks down under specific composting conditions back into water, carbon dioxide (CO<sub>2</sub>) and biomass. Compostable films are part of the circular economy as they can be returned to nature after use.

### Reasons to compost:

- Improves plant growth
- Reduces soil erosion
- Allows soil to retain more water
- Benefits soil structure
- Allows soil to retain more nutrients and enhances fertility
- Stores carbon in the soil to protect the climate
- Reduces the amount of waste sent to landfill

## Independent Certifications



**Disclaimer:** Futamura Chemical Company, or any of its affiliated companies (hereinafter 'Futamura') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Futamura's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Futamura is the sole owner or authorised user of the intellectual property rights relating to the information communicated.

The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client

### Sales Offices

Europe (UK) T: +44 (0)16973 41212  
 Americas (USA) T: +1 770 818 3102  
 Asia-Pacific (Japan) T: +1 52 562 1841

[www.futamuragroup.com](http://www.futamuragroup.com)

E: [info@futamuragroup.com](mailto:info@futamuragroup.com)

™ Trademark of Futamura Group

