

Eco-friendly clear material datasheet

Overview

A clear gloss, compostable film made from renewable resources (wood-pulp from managed plantations).

It has brilliant clarity, even though it's made from wood!

It looks and feels like plastic but is made from sustainable materials.

It has a medium-strength adhesive and is suitable for a wide range of applications. Designed to be used indoors & outdoors for up to 6 months.



Material highlights

- Waterproof (not dishwasher safe)
- UV resistant
- Medium strength adhesive
- Clear (high clarity)
- Suitable for indoor & outdoor use
- Biodegradable
- Compostable
- Resistant to sunlight & water
- Gloss finish
- You can write on it
- Certified by TÜV Austria to compost at home
- Certified to the European (EN13432) standard for industrially compostable packaging
- Safe for contact with dry, non-fatty foodstuff

Typical uses

This is an environmentally friendly material, that looks & feel like plastic, so it suitable for many applications, such as:

- Environmentally conscious brands
- Compostable product packaging
- Laptop stickers
- Window stickers
- Glass stickers
- Phone stickers
- Drinks bottle labelling, including wine bottles
- General logo and branding stickers
- Jars & other food product

Material construction

The image below shows a cross-section of the material, along with details of each part of the material:



- 12-15 microns of ink + 12-15 microns of white ink
- 46 micron clear gloss wood pulp eco-friendly film
- Acrylic pressure-sensitive biodegradable adhesive
- 80 GSM backing paper

Technical data

Adhesive:	Acrylic-based biodegradable adhesive. Complies with DIN EN 13432 biodegradability and compostability regulation
Print layer:	Clear, 45 micron bio-material composed of sustainably sourced wood pulp.
Temperature range:	-20C to +80C
Colour:	Clear
Finish:	Gloss
Durability:	6 months outdoors