

Eco-friendly clear material datasheet

Overview

A clear glossy compostable film made from 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 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
- Compostable
- Resistant to sunlight & water
- Gloss finish
- Write on it with a sharpie
- 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 foodstuffs

Typical uses

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

Material construction

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



- 46-micron, clear gloss compostable laminate
- 6-10 micron of ink + 8 microns of white ink
- 46-micron clear layer made from wood pulp
- Permanent, biodegradable adhesive
- 140 GSM backing paper

Technical data

Adhesive:	Acrylic-based biodegradable adhesive. Complies with DIN EN 13432 biodegradability and compostability regulations.
Print layer:	Clear, 46-micron 'bio-plastic' made from sustainably sourced wood pulp.
Over-laminate:	A clear, 46-micron compostable film.
Temp. range:	-20C to +60C
Colour:	Clear (transparent)
Finish:	Gloss
Durability:	6 months outdoors