

Eco-friendly white material datasheet

Overview

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

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
- White
- Suitable for indoor & outdoor use
- 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

- Environmentally conscious brands
- Compostable packaging
- Laptop stickers
- Phone stickers
- Drinks bottle labels
- Logo 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 microns of ink
- 46-micron white 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:	White, 46-micron 'bio-plastic' made from sustainably sourced wood pulp.
Over-laminate:	A clear, 46-micron compostable film.
Temp. range:	-20C to +60C
Colour:	White
Finish:	Gloss
Durability:	6 months outdoors