

Eco-friendly front adhesive 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 and with the adhesive over the printed layer. It has a medium-strength adhesive and is perfect for applying to the inside of windows. Designed to be used indoors & outdoors for up to 6 months.



Material highlights

- Adhesive over the printed layer
- 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 front adhesive material, that looks & feel like plastic, so it suitable for many applications, such as:

- Environmentally conscious brands
- Window stickers
- Inside shop window signage
- Stickers for the inside of car windows

Material construction

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



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

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.
Temperature range:	-20C to +60C
Colour:	Clear (transparent)
Finish:	Gloss
Durability:	6 months outdoors