

Eco-friendly holographic material datasheet

Overview

This is a super shiny, iridescent effect material to make your design look incredible. The holographic film is applied to our sustainable material made from renewable resources.

It has a medium-strength adhesive, suitable for a wide range of applications. Designed to be used indoors.



Material highlights

- Splashwaterproof
- Medium-strength adhesive
- Iridescent, rainbow effect
- Gloss finish
- Suitable for indoor use
- Resistant to scratches & splashes of water
- Leaves no adhesive residue when removed
- Biodegradable & compostable
- Certified by TÜV Austria to compost at home
- Certified to the European (EN13432) standard for industrially compostable packaging
- Tear-proof
- Freezer safe

Typical uses

- Environmentally conscious brands
- Compostable product packaging
- Premium logo stickers
- Food packaging labelling
- Makeup packaging
- Vape product packaging
- Phone and laptop branding
- Premium sticker product

Material construction

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



- Clear gloss, 45-micron clear compostable laminate
- 6-10 microns of ink
- 0.02 micron thin aluminum layer
- 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 vinyl:	0.02 micron thin aluminium layer that does not interfere with the material's compostability. Plus a 46-micron 'bio-plastic' made from sustainably sourced wood pulp.
Over-laminate:	A clear, 46-micron compostable film
Temperature range:	-20C to +80C
Colours:	Iridescent, rainbow effect
Finish:	Gloss
Durability:	1 year inside
Adhesive strength:	Medium tack, peel-adhesion of 28N/25mm