

# Clear material datasheet

## Overview

A clear, highly transparent, glossy material with an over-laminate that protects the printed layer giving it excellent durability.

It has a medium-strength adhesive, suitable for a wide range of applications. Designed to be used for up to 3 years outdoors.



## Material highlights

- Waterproof
- UV resistant
- Medium strength adhesive
- Very high transparency
- Gloss finish
- Suitable for indoor & outdoor use
- Durable
- Resistant to sunlight, scratches, water, oils & chemicals
- Write on it with a sharpie
- Tear-proof
- Freezer safe

## Typical uses

This clear material is very versatile and suitable for many applications, such as:

- Drinks glass stickers
- Window stickers
- Food packaging labelling
- Clear make up packaging
- Labels for beverage bottles
- Branding glass or plastic bottles
- Bike frame stickers
- Logo stickers of all uses
- Laptop stickers
- Lightbox stickers

## 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 polypropylene laminate
- 6-10 micron of ink + 8 microns of white ink
- Clear gloss, polypropylene film for printing
- Permanent, pressure sensitive acrylic adhesive
- 140 GSM backing paper

## Technical data

Adhesive:	Permanent, clear, solvent-based, pressure-sensitive, 18GSM thick
Print vinyl:	Clear, 50-micron polypropylene (PP)
Over-laminate:	Clear gloss, 45-micron polypropylene (PP)
Temp. range:	-20C to +80C
Colour:	Clear (transparent)
Finish:	Gloss
Durability:	3 years
Adhesive strength:	Medium tack, peel-adhesion of 20N/25mm