

# Fluorescent Orange material datasheet

## Overview

Available in a range of colours, this is a super bright, fluorescent material with an overlamine 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 6 months outdoors and 2 years indoors.



## Material highlights

- Waterproof
- Medium strength adhesive
- Available in different colours
- Gloss finish
- Suitable for outdoors (6 months) & 2 years indoors
- Resistant to scratches, water, oils & chemicals
- Write on it with a sharpie
- Tear-proof
- Freezer safe

## Typical uses

This is our brightest material and suitable for many applications, such as:

- Warning stickers
- High visibility stickers
- Premium logo and branding stickers
- Health & Safety stickers
- Phone and laptop branding
- Machine labelling
- Drinks beverage stickers
- Food packaging labels
- Special promotion sticker

## Material construction

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



- Clear gloss, 70 micron calendered PVC overlaminate
- 12-15 microns of ink + 12-15 microns of white ink
- Fluorescent 80 micron cast PVC, available in 4 colours
- Permanent, solvent pressure-sensitive adhesive
- 125 GSM backing paper

## Technical data

Adhesive:	Permanent, solvent-based, pressure-sensitive
Print vinyl:	Fluorescent, 80-micron cast PVC
Over-laminate:	Clear gloss, 70-micron calendered PVC
Temperature range:	-20C to +80C
Colours:	Yellow, Green, Pink, Red, Orange
Finish:	Gloss
Durability:	6 months outdoors, 2 years indoors
Adhesive strength:	Medium tack, peel-adhesion of 22N/25mm