

# C30 Ultimate

**PRODUCT DESCRIPTION / BENEFITS** C30 Ultimate series is a self-adhesive film for digitally printed images lamination used for fleet advertising and fleet wrapping.

The transparent cast vinyl face film, UV stabilised, has an external colour stability up to 6 years. Its superior flexibility allows application on rivets, concave and convex area surfaces.

The permanent solvent-based adhesive adheres on vinyl printed with solvent, eco-solvent, latex and UV inks.

The 135 g/m<sup>2</sup> liner ensures good planarity.

All products are REACH & RoHS compliant.

## TYPICAL USE

- Vehicle graphics, Fleet wrapping
- Long term outdoor and indoor lamination film for advertisings made with C50 Ultimate
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous gloss finish

## CONSTRUCTION

- **Face film:** 30 µm transparent cast vinyl film
- **Adhesive:** permanent solvent-based acrylic
- **Release liner:** clay coated kraft paper 135 g/m<sup>2</sup>

### Products:

Clear Gloss finish: code 13181 - **C30 Ultimate Clear Gloss Perm SB - UV Print**

Clear Matt 13343 - **C30 Ultimate Clear Matt Perm SB - UV Print**

## CONVERTING METHOD

Compatible with solvent, eco-solvent, latex and UV inks.

To be laminated with a laminator.

## APPLICATION METHOD / INSTRUCTIONS FOR USE

The printed media to laminate should dry minimum 24h prior to lamination.

Laminate without tension on the printed media.

## EXPECTED DURABILITY

The expected vertical outdoor durability in Central Europe (zone 1) is 6 years.

This information is based on real life experience and artificial aging according to ISO 4892-2.

Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure.

## SHELF LIFE

Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions.

Higher temperatures and/or humidity levels will reduce product shelf life.

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**PHYSICO-CHEMICAL  
PROPERTIES / TYPICAL  
VALUES**

Face thickness, without adhesive	30 µm	ISO 534-80
Face thickness, with adhesive	55 µm	ISO 534-80
Tensile strength (machine direction)	> 10 N/cm	ISO 527
Elongation at break (machine direction)	>100%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0.3 mm	FTM 14
Initial adhesion on glass (20 minutes)	13 N/25mm	FTM 1
Adhesion on glass (24 hours)	16 N/25mm	FTM 1
Final adhesion on glass (1 week)	18 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
clay coated kraft paper	135 g/m <sup>2</sup>	ISO 536
Humidity resistance	No effect	200 hours exposure
Water resistance	No effect	24 hours immersion
Detergent (1% solution)	No effect	24 hours immersion
Isopropyl alcohol / Water (20/80)	No effect	10 minutes immersion

**QUALITY  
CERTIFICATION**



**DISCLAIMER**

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