



DIGI-LAM™ 3D
3D FORMABLE CAST LAMINATE

High Performance Cast PVC laminate

L-600G/M/S SuperClear™ 3D series

CLEAR PVC • CADMIUM FREE • SOLVENT ADHESIVE

PRODUCT INFO

DigiPrint SuperClear™ Gloss is a high-grade cast PVC overlaminate for protection of digital prints and other cast PVC films.

This overlaminate is especially soft and malleable, making it particularly useful for applications that require 3D stretching and shaping, such as in channels and corrugations. Also very good for use as laminate for wall wraps.

Provides optimal protection against weathering, UV light, degreasers, cleaners, gasoline, mild acids and (superficial) scratches and knocks.

Outside life expectancy 5-6 years.

APPLICATIONS & FEATURES

- Thickness: 30 micron (1.18 mil)
- 3 versions available
 - High Gloss SuperClear™ Cast PVC
 - Matte Gloss SuperClear™ Cast PVC
 - Satin SuperClear™ Cast PVC
- Extremely good UV blocking
- Adhesive: Permanent solvent acryl adhesive
- Ideal for 3d surfaces

IMPORTANT

Allow print film to dry for at least 49 hours before laminating.

Application temperature: +5°C to +40°C

Optimal adhesion of the laminate is achieved after 48 hours.

SHELF LIFE

24 months, applicable only to the material delivered by SOTT which has not undergone further processing, under the following STORAGE CONDITIONS: This material must be stored at a temperature between 10 and 22°C ± 2°C and 50 ± 5% of Relative Humidity. Storage area must be dry and clean. Keep the material vertical in the original packaging when not used in order to protect it from dust and contamination. Do not expose to direct sunlight or heat source.

Face Material

Type	Cast vinyl film
Colour and Finish	Clear Gloss, Matte or Satin
Thickness	Gloss: 40 micron (1.57 mil) ±10% -ISO 534-80 Matte: 40 micron (1,57 mil) ±10% -ISO 534-80
Glossiness:	Gloss: 45 GU (gloss units) Matte: 20 GU (gloss units)
Dimension stability	<0,25 FINAT 14 (70°C - 48 hrs)
Elongation at break along	190 %* DIN 53455
Elongation at break across	190 %* DIN 53455
Expected lifetime outdoor:	6years [#]
Flammability:	self-extinguishing

Adhesive

Solvent based permanent adhesive.

Reference:	SOTT DigiLam ClearPerm
Color:	Clear, with UV block
Type	Permanent
Min. Appl. Temp.	+5°C to +40°C
Service Temp.	-20°C/+70°C
Shear	Very high
Adhesion Strength	13 N/25mm (180° - 300mm/min) after 20 min.
Adhesion Strength	16 N/25mm (180° - 300mm/min) after 20 min

Liner

Type	Clay-coated siliconized kraft paper
Colour and Finish	White matte
Thickness	120 gr/m2

CONDITIONS OF SALE

The following is made in lieu of all warranties expressed or implied:

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