

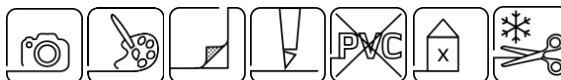
Protect 250 glass clear FR plus

Technical Datasheet

Version: 03-2022

Inks

Application and Properties



Technical Data

Film thickness:	approx. 250 µm
Composition:	4H hardened, high gloss polyester film, PE- protection film
Basic weight:	approx. 370 g/m ²
Surface:	Smooth
Adhesive:	Solvent-based, clear, permanent acrylic adhesive
Adhesive thickness:	28 g/m ²
Adhesion (Glass/25mm):	10min. ≤ 1500 24h ≤ 1800
Liner:	20 µm PET film

General Information

- Very high abrasion resistance
- Single-sided self-adhesive "glass" polyester film
- Washable and resistant to various cleaning agents and solvents
- Made with an ageing-resistant acrylate adhesive
- High gloss 4H scratch-resistant surface
- Outside durability 3-5 years

Application

- Protective and finishing film for white board applications, fine art prints, alternative to classic printed motifs on or behind glass, kitchen splash backs, furniture surface protection, alternating glass advertising surfaces, posters and photo-realistic digital prints
- Excellent for mechanical laminations due to the scratch-resistant surface

Advantages

- PVC-free, no yellowing
- Suitable for cold lamination
- 100% dimension stability
- Extremely 4H scratch-resistant surface

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Processing instructions

- Furthermore, it is recommended not to cut the laminated material immediately after lamination process. Leave it for another 24 hours so that the adhesive bonds even better to the print substrate. This laminate is a cold laminating film that can also be processed with heat. Recommended heat of the top roller max. 40-60°C. Too high a laminating temperature can lead to colour deviations.
- The optimal working condition during processing is 15° - 30°C and a relative humidity of 30% - 50%. When laminating on inkjet prints, it must be fully dried. A drying time of 24 hours is recommended.

More information

- The material surface can be cleaned with current available cleaning agent
- We recommend using cotton cloth for cleaning purposes
- Resistant to grease splashes and vapour
- The use of a solvent-free silicone suits better to seal the edges
- You can find more information on our product portfolio at www.com2-c.de
- We recommend to always keep rolls together with the label/batch number. Without a batch number, no complaints can be processed.
- Shelf-life of this product is approx. 12 months
- Our tests are carried in a standard climate condition
- Temperature resistant, up to 100°C

Available sizes

- 30m x 127,0cm (50'')

This technical information was made and assessed based on the latest technology and our experience. Due to various parameters and conditions under which the described product is used, we re-recommend that every user should check the product for its suitability for the intended uses. A legally binding assurance of certain properties cannot be derived from our information. Errors and changes are subjected. With the release of a new version, this datasheet version will not be valid.

