

Inks**Application and Properties****Technical Data**

Film thickness:	approx. 95 µm
Composition:	100% PVC, monomeric
Basic weight:	approx. 115 g/m ²
Surface:	Sand effect structure
Adhesive:	waterbased, clear, permanent acrylate dispersion
Adhesive thickness:	25 g/m ²
Adhesive strength on glass:	24h > 18N/25 mm
Liner:	65 g/m ² Glassine paper, single side siliconized

General Information

- 100% polyvinyl chloride, monomeric plasticised
- Single-sided self-adhesive, scratch-resistant, finely embossed transparent polypropylene film
- Washable and resistant to various cleaning agents and solvents
- Made with a solvent-based, ageing resistant and permanently elastic acrylate adhesive
- B1 Flame retardant certified according to the DIN 4102 norm
- Floor slip resistance according to class R9 according to DIN51130

Application

- Protective and finishing film for classic photos and digital prints
- Universal uses for indoors so as short to medium term outdoors applications
- Due to the scratch-resistant surface, it is ideal for mechanical laminations, such as the creation of display panels for pop-ups

Advantages

- Improved quality, almost no silvering ghost effects after lamination
- Very good behaviour of the adhesive
- Scratch-resistant surface
- Suitable for many materials printed with UV inks

Processing instructions

- When laminating on inkjet prints, the inks must be fully dried. A drying time of 24 hours is recommended. Due to the high density of polypropylene protective films, sufficient drying time (especially when using dark inks) is particularly important.
- It is also recommended not to cut the laminated material immediately after lamination. Leave it for another 24 hours so that the adhesive bonding reaches its maximum adhesion.
- The optimal application temperature (on clean, dry substrate) is 18° - 25°C and a humidity of 40% - 65%.
- Do not expose to direct sunlight or heat sources.
- The product must be stored vertically so that its quality is not compromised.
- This is a cold laminating film that can also be processed with heat. We recommend the heat of the top roller not exceeding or be approx. 35°C

More information

- You can find more information on our products on www.com2-c.de
- The print side of the materials as well as the lengths and widths can be customized to your needs prior to a MOQ
- Always store rolls together with the label or batch number. No complaints can be processed without a batch number.
- Shelf life: 12 months from date of manufacture, applies only to material that has not yet been processed and stored under the following conditions: This material must be stored at a temperature of 20°C ± 5°C and 50% ± 5% relative humidity, without major climatic deviations.
- Our tests are carried in standard climate conditions

Available sizes

- 50m x 91,4 cm (36") | 50m x 104 cm (40,9") | 50m x 130 cm (51,2") | 50m x 160 cm (63")

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.

Protect 100 PVC Gravel Plus FR

Technical Datasheet

PVC Polyvinyl chloride · Gravel textured · FR Flame retardant

Version: 03-2022