

Protect 75 PVC Poly Matt FR

Technical Datasheet

PVC Polyvinylchlorid · FR Flame Retardant

Version: 03-2023

Anwendungsbereiche und Eigenschaften



Technical Data

Film Thickness:	ca. 75 µm
Composition:	100% PVC, polymeric
Colour:	transparent
Surface:	matt
Adhesive:	waterbased, clear, permanent acrylate dispersion
Adhesive Strength:	Initial: 8,8 N/25 mm after 20 Min.: 13,3 N/25 mm after 24h: 19,8 N/25 mm
Liner:	coated paper, siliconized on one side, 121 g/m ²
Temperature resistance:	-10 up to 40 °C
Processing temperature:	Min. 10 °C
Maximum durability:	Up to 5 years indoors with vertical application, up to 3 years outdoors (in the conditions of Central European climate, with a properly made application)

General Information

- Polymeric protection film
- 100% Polyvinylchlorid
- With UV-Filter
- Matt Surface
- Fire protection certificate according to DIN EN 16034

Areas of use / application

- Protection film / laminate for photos and digital prints
- Protection against mechanical damage, moisture and UV radiation
- Universal for indoor and short to mid-term outdoor use
- Self-adhesive PVC protective laminate for print finishing in the graphics industry

Advantages

- High durability
- Color Enhancement
- UV stabilizers to protect the glue and the print
- Protects against mechanical damage, abrasion, moisture and UV radiation
- No shrinkage

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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

Durability

- Indoors: 7 years
- Outdoor: 5 years

Data refer to vertical surface exposure of unprinted/unprocessed film. The outdoor resistance refers to the temperate climate of Central Europe. If the protective film is exposed to extreme weather conditions such as strong sunlight, high UV radiation or moisture, the resistance may decrease. PVC film can also age at an accelerated rate from pollution and at high altitudes.

More information

- You can find more information on our product portfolio on www.com2-c.de
- We can manufacture your product and customize the surface, lengths and widths individually to meet your requirements. We will need a MOQ.
- Always store rolls together with the label and batch number. Without the reference batch number, no complaints can be processed.
- Our tests are carried out in a standard climate condition.
- 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.

Available sizes

- 50 m x 105 cm | 50 m x 137 cm | 50 m x 160 cm

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.

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