

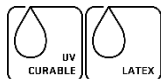
Protect 70 PP sand FR

Technical Datasheet

PP Polypropylen · sand sand-embossed surface · FR Flame retardant

Version: 08-2025

Printable with :



Application and Properties



Technical Data

Film thickness:	Approx. 70 µm
Composition:	100% Polypropylen
Surface weight of the film:	ca. 57 g/m ²
Surface finish:	matt, lightly structured and scratch-resistant embossed surface
Adhesive:	waterbased, clear, permanent acrylate dispersion
Peel adhesion (N/25mm):	20 Min. steel > 9 24h steel > 12
Liner:	135g/m ² paper

General Information

- 100% Polypropylen
- UV protection
- 5 Years outdoor durability
- Environmentally friendly
- With permanent acrylate adhesive
- Without milk or silvering effect
- Scratch Resistant Surface
- Certified with slip resistance class R11, total angle of inclination of 21.0°
- Flame retardant according to European standard EN 13501-1:2019

Application

- Protective and finishing film for floor applications and digital prints, e.g PopUps
- Universal uses for indoors and outdoors applications
- Excellent quality lamination
- Printable with Latex- and UV-curable inks

Advantages

- PVC-free
- no silvering effects after lamination
- With ultra-crystalline adhesive
- No shrinkage!
- Scratch Resistant Surface

Protect 70 PP sand FR

Technical Datasheet

PP Polypropylen • sand sand-embossed surface • FR Flame retardant

Version: 08-2025

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.
- Durability: up to 5 years (with vertical exposure - normal Central European climate).
- 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. Complaints cannot be processed without a batch number.
- Our tests are carried in standard climate conditions
- 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

- 50m x 137 cm (54'')

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 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.