

Protect 140 PP Gravel Plus

Technical Datasheet

PP Polypropylene · Gravel textured · Plus improved quality

Version: 03-2022

Inks Application and Properties



Technical Data

Film thickness: approx. 140 μ m Composition: 100% polypropylene Basic weight: approx. 120 g/m² Surface: Structured

Adhesive: Polyacrylate dispersion, solvent-free

Adhesive thickness: 30 g/m²

Adhesive strength: 10min. > 8.5/ 25mm 24h > 15N/ 25mm

Liner: 60 μm LDPE film, orange, single side siliconized

General Information

- 100% Polypropylene
- Self-adhesive, scratch-resistant, finely embossed, transparent polypropylene film on one side
- Environmentally friendly
- Washable and resistant to various cleaning agents and solvents
- Made with a solvent-free, non-ageing and permanently elastic acrylate adhesive

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

- PVC-free
- 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
- No shrinkage!



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Processing instructions

- When laminating on inkjet prints, it 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 suit better to the print medium
- 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 of this product is approx.12 months.
- Our tests are carried in standard climate conditions

Available sizes

• 50m x 90 cm (35,4'') | 50m x 104 cm (40,9'')

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-commend 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.