

profol[®]

Cast Film and Sheet

Films for Coating



Engineered to mask and protect.

Films for adhesive and other coating chemistries.

Profol's line of cast films for coating are specifically designed for customers who want to apply adhesive for self-wound tape and masking films or apply a silicone for release liner applications. Our polyolefin film unwinds well with a variety of pressure sensitive adhesives including acrylic and rubber. Various embossed patterns reduce air entrapment during winding and improve unwind during use. Profol coating films are available in custom colors with options for ultraviolet light protection, flame retardant or other additives as needed. Profol films can also be direct coated or transfer coated.



Pressure sensitive adhesive (PSA) tapes.

At Profol, we can tailor our film substrate to meet the most demanding application needs. Our films for PSA tapes are easy to coat due to their surface energy and dimensional stability. They also have excellent chemical resistance and provide high adhesion.

Silicone release liners.

Profol's silicone-coatable films are ideal for a wide range of release liner applications. Single- and two-side coatable is available. Embossing depth can be customized to aid in release strength to meet customer specifications.

Transfer films.

Profol films are perfect for transferring graphics to windows, applying decals on bicycles, motorbikes and scooters, and adhering labels to other surfaces. Our transfer films provide easy release when coated with acrylic, rubber or other non-silicone adhesives. Profol polypropylene films are highly stable and have excellent lay-flat characteristics for easy graphic application and release peel.

Pressure sensitive adhesive (PSA) protective masking films.

When you see a car-carrier trailer loaded with new automobiles, it's a good chance that Profol supplies the masking film protecting the cars. From automobiles to appliances to glass, many manufacturers rely on Profol masking films to protect their products before they reach customers.

Polyolefin film products.

Profol films are available in a wide variety of colors, textures, and matte and gloss finishes. Polyolefin film is an environmentally friendly alternative to polyvinyl chloride (PVC) and is 100% recyclable.

ProMask™

This multilayer cast polypropylene film has been specially engineered to be the ideal substrate for adhesive-coated protective masking tapes. ProMask is corona treated on one side so that it can be easily coated with a variety of water-based and solvent-based adhesives. It has excellent chemical resistance and is UV stabilized for outdoor use.

ProPrint™

ProPrint is a soft, bright white cast polypropylene film for the printing and coating industry. The film has excellent lay-flat characteristics and dimensional stability, which allows exact color registration and easy



coating. ProPrint runs quickly and reliably through sheeters, printing presses and coating lines. A special in-line primer can be added to one surface for difficult coatings and applications where extended adhesion is important. This primer has food contact and REACH conformity. Two-year UV stabilization is standard.



Give us your toughest challenge. We'll give you the best solution.



Profol performance means more than providing custom film solutions for coating applications. It's our promise to you that we'll deliver technical expertise and innovation, provide steadfast customer support, and always stay adaptable to your changing needs.

Learn more about how Profol Performs at profol.com.

Manufacturing capabilities.

- Custom colors available with tight lot-to-lot tolerance
- Multiple embossing patterns
- In-line corona treatment on one or both sides
- Film thickness range: Process capability is 25-760 μm (1-30 mil)
Please contact us with your unique requirement
- Available machine web widths: 1400-2700 mm (55-106 in.)
- Outside roll diameter: Up to 1200 mm (47 in.)
- In-line slitting to custom roll widths: 80-2700 mm (3-106 in.)

Product development assistance.

Remove the guesswork when you want to know which film best fits your production process. The engineers at Profol are available to help you develop custom solutions for your adhesive or silicone coating applications. With dedicated research and development lines in Europe and America, we have the tools to quickly find the best solution for your application.

Contact us at any of our worldwide locations.

We look forward to showing you how our polyolefin-based cast film products can perform to meet your coating needs.



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