

Press release - for immediate publication

Secured product availability at TroFilms GmbH

Georgensgmünd, 21 June 2021 - Germany-based TroFilms GmbH, a medium-sized and globally operating specialist for high-quality special laminating films for the graphic arts

and industrial laminating industries, is able to ensure the availability of its products even

in the current intensified shortage of raw materials.

Based on its long-standing and close contacts with international suppliers, the company was

able to arrange delivery guarantees and order prioritisation at an early stage.

Ralf Troyer, Managing Director of TroFilms GmbH on the topic: "It was clear to me quite early

on at the beginning of the pandemic last year that this worldwide state of emergency would also

have a strong impact on the availability of raw materials and semi-finished products quite soon.

Therefore, we contacted our worldwide suppliers at a time when hardly anyone expected such

bottlenecks and secured quotas. For many of these suppliers it is not that they are no longer

able to produce at all, but that they often only reach a much lower production and delivery

capacity than before the crisis. This is why we, as one of the largest film converters in Europe,

have contractually secured the quantities we need to guarantee our production right from the

start. Our customers can thus be sure that they will still receive all orders from us with the utmost

reliability and in the shortest possible time."

The company currently has 23 film qualities in its programme with full availability:





TroROUGH is a biaxially oriented polypropylene film with a partially applied acrylic varnish in sand structure, which is available both as a wet film and as a thermal film. Both films have extremely high abrasion and scratch resistance and good tear strength.

The coating is particularly characterised by extremely high transparency, which leads to very deep colouration without reducing the whiteness of the paper. Yellowing is prevented.

The basic varnish has been constructed for all of these required properties, and since further treatment during or after polymerisation is necessary as well, the film can be used for the longest possible time.

The TroROUGH is particularly characterised by being easy to process for the customer without any problems. The wet film can be laminated on with any adhesive system (solvent, solvent-free and water-based). In contrast to other scratch-proof films, it has the same tearing and expansion capacity as an OPP standard film. Stable grooving and folding are ensured. Cutting to size right in the lamination machine is possible as well. Coiling the remaining film will not be impaired.

Gluability, printability and hot stamping applications possible in principle, but the structure may make conditions more difficult and pre-tests are required. Overcoating is possible in screen printing and digital printing. A minimum of 12 g/m² coating is needed to cover the uneven surface.









The TroWOOD is available as wet as well as thermal film. The coating of the two films is characterized by an extremely high transparency, which results in a very deep color without losing the whiteness of the paper. So there is no yellowing.

The special feature of this film is the wood texture of the surface, which gives the finished product a special, luxurious effect.









The TroLEATHER is available as wet as well as thermal film. The coating of the two films is characterized by an extremely high transparency, which results in a very deep color without losing the whiteness of the paper. So there is no yellowing.

The special feature of this film is the leather texture of the surface, which gives the finished product a special, luxurious effect.









The TroFilms PROTECT-X Matt is an excimer-based film quality. It is also available as a wet and thermal film as well as in a special quality optimized for digital printing. Due to the novel excimer method for producing the matt effect, this film quality can be produced with a very special feel. In addition, this film quality has an extremely high abrasion and scratch resistance and is grease, water and sweat resistant. As a result, this film quality also has an anti-fingerprint property.

The coating is particularly characterised by extremely high transparency, which leads to very deep colouration without reducing the whiteness of the paper. Yellowing is prevented.

The excimer base coat has been constructed for all of these required properties, and since further treatment during or after polymerisation is necessary as well, the film can be used for the longest possible time.





However, the TroFilms PROTECT-X Matt is particularly characterised by being easy to process for the customer without any problems. The wet film can be laminated on with any adhesive system (solvent, solvent-free and water-based). In contrast to other scratch-proof films, it has the same tearing and expansion capacity as an OPP standard matte film. Stable grooving and folding are ensured. Cutting to size right in the lamination machine is possible as well. Coiling the remaining film will not be impaired.

Further processing is easy as well. The film can be painted over with all radically curing UV paints common on the market. Hot film embossing and bonding are not a problem; however, preliminary tests are recommended.













TroPROTECT GLOSS is available as both a wet and a thermal film. Both films have an extremely high abrasion and scratch resistance and are grease, water and sweat repellent.

The coating is particularly characterised by extremely high transparency, which leads to very deep colouration without reducing the whiteness of the paper. Yellowing is prevented.

The basic varnish has been constructed for all of these required properties, and since further treatment during or after polymerisation is necessary as well, the film can be used for the longest possible time.

The TroPROTECT GLOSS is particularly characterised by being easy to process for the customer without any problems. The wet film can be laminated on with any adhesive system (solvent, solvent-free and water-based). In contrast to other scratch-proof films, it has the same tearing and expansion capacity as an OPP standard film. Stable grooving and folding are ensured. Cutting to size right in the lamination machine is possible as well. Coiling the remaining film will not be impaired.

Further processing is easy as well. The film can be painted over with all radically curing UV paints common on the market. Hot film embossing and bonding are not a problem; however, preliminary tests are recommended.









TroPROTECT is available as both a wet and a thermal film. Both films have an extremely high abrasion and scratch resistance and are grease, water and sweat repellent. As a result, they also have anti-fingerprint properties.

The coating is particularly characterised by extremely high transparency, which leads to very deep colouration without reducing the whiteness of the paper. Yellowing is prevented.

The basic varnish has been constructed for all of these required properties, and since further treatment during or after polymerisation is necessary as well, the film can be used for the longest possible time.

The TroPROTECT is particularly characterised by being easy to process for the customer without any problems. The wet film can be laminated on with any adhesive system (solvent, solvent-free and water-based). In contrast to other scratch-proof films, it has the same tearing and expansion capacity as an OPP standard matte film. Stable grooving and folding are ensured. Cutting to size right in the lamination machine is possible as well. Coiling the remaining film will not be impaired.

Further processing is easy as well. The film can be painted over with all radically curing UV paints common on the market. Hot film embossing and bonding are not a problem; however, preliminary tests are recommended.









The TroTEMPTATION-X is also available as wet and thermal film as well as in a special quality optimized for digital printing. The new application process for creating the matt effect allows this film quality to be produced with a very special, rubber-like feel. In addition, this ultra-matt film quality also has increased abrasion and scratch resistance with very good tear resistance and is resistant to grease, water and perspiration. As a result, this film quality also has an antifingerprint property.

The coating is particularly characterized by extremely high transparency, which results in a very deep coloration without losing the whiteness of the paper, so there is no yellowing.

The basecoat has been specially designed for all these properties, and since no further treatment is required during or after polymerisation, the film can be used for a wide range of





applications.

However, the TroTEMPTATION-X is particularly distinguished by the fact that it is easy and problem-free to process for the customer. The wet film can be laminated with all adhesive systems (solvent-based, solvent-free and water-based). In addition, unlike other scratch-resistant films, it has the same tear and stretch properties as a standard OPP matt film. A stable grooving and folding process is guaranteed. It is also possible to cut to size directly in the laminating machine without any problems with the residual film take-up.

Further processing is effortless. The film can be overcoated with all commercially available radical-curing UV varnishes. Hot foil stamping and gluing are no problem, but pre-tests are recommended.









TroTEMPTATION is available as a wet film as well as a thermal film. The coating of both films is characterised by an extremely high transparency, which results in a very deep colouring

without losing the whiteness of the paper. There is therefore no yellowing.

This film is special because of its surface's velvety feel, which gives the processed product a

special, luxurious effect. The ultra-matte impression further supports its appearance.

TroTEMPTATION reduces scratch- and abrasion-sensitivity as compared to standard matte

films. The improved sweat resistance also reduces sensitivity to fingerprints on the finished

product. This leads to the most refined appearance with best protection.

The basic varnish has been developed specifically for these properties. Since there is no further

treatment during or after coating, the longest possible use of the film is ensured.

The TroTEMPTATION film is particularly characterised by being easy to process for the

customer without any problems. The wet film can be laminated on with any adhesive system

(solvent, solvent-free, water-based). In contrast to other soft films, it has excellent surface

tension on the adhesive side. The tear and stretch properties are comparable to those of

standard OPP-film. Stable grooving and folding are guaranteed.

Another benefit of the TroTEMPTATION film is the easy processing in machines both when

laminating and in the subsequent improvement or book-binding steps. Further processing is

easy as well. The film can be painted over with all UV paints common on the market. A sufficient

cell volume of the anilox roller must be observed. Hot film embossing and bonding are no

AG Nürnberg HRB 28416

problem, though preliminary tests are highly recommended.







The TroPURELINE is available as wet as well as thermal film. The coating of the two films is characterized by an extremely high transparency, which results in a very deep color without losing the whiteness of the paper. So there is no yellowing.

The special feature of this film is the finelinen texture of the surface, which gives the finished product a special, luxurious effect.









Further information, FAQ's and technical data sheets for all products are available via www.trofilms.de as well as the TroFilms service app.







The TroFilms app is multilingual (German/English) and available free of charge in the following stores:

For iPhones, iPads, iPods in the Apple App Store at:

https://apps.apple.com/us/app/trofilms-app/id1557443457

For Android phones and tablets in the Google Play Store at:

https://play.google.com/store/apps/details?id=com.trofilms.app





- ENDE -

Contact:

TroFilms GmbH

Technikstraße 7 91166 Georgensgmünd GERMANY

Tel.: +49 - 9172 - 57428-0

Fax: +49 - 9172 - 57428-29

E-Mail: info@trofilms.de

Web: www.trofilms.de

Press contact:: pr@trofilms.de



AG Nürnberg HRB 28416 USt-ID: DE 282 845 761





Caption:

Headquarters of TroFilms GmbH in Georgensgmünd - certified according to DIN EN ISO 9001 : 2015 since July 2019







Caption:

Ralf Troyer, Managing Director of TroFilms GmbH



About TroFilms GmbH:

TroFilms GmbH, a medium-sized company based in Georgensgmünd in Middle Franconia, Germany, is considered a renowned and innovative manufacturer of laminating and laminating films for the graphic arts and industrial laminating industries. The company currently sells its products in 28 countries and has a well-developed dealer and sales network worldwide. The company's successful development has earned it several prestigious awards. Among others, the Bavarian Founder's Prize 2016 as the best "Start UP" company, which is awarded by the savings banks in Middle Franconia, as well as the IHK Founder's Prize 2014. In 2014, TroFilms GmbH was also nominated for the German Founder's Prize. Since August 2019, TroFilms GmbH has been certified according to DIN EN ISO 9001: 2015. TroFilms is not in any competitive situation with its customers, as the company itself does not refine.

www.trofilms.de



AG Nürnberg HRB 28416 USt-ID: DE 282 845 761