

Этикетки, активируемые УФ-лазером, этикетки контроля вскрытия

Технические характеристики

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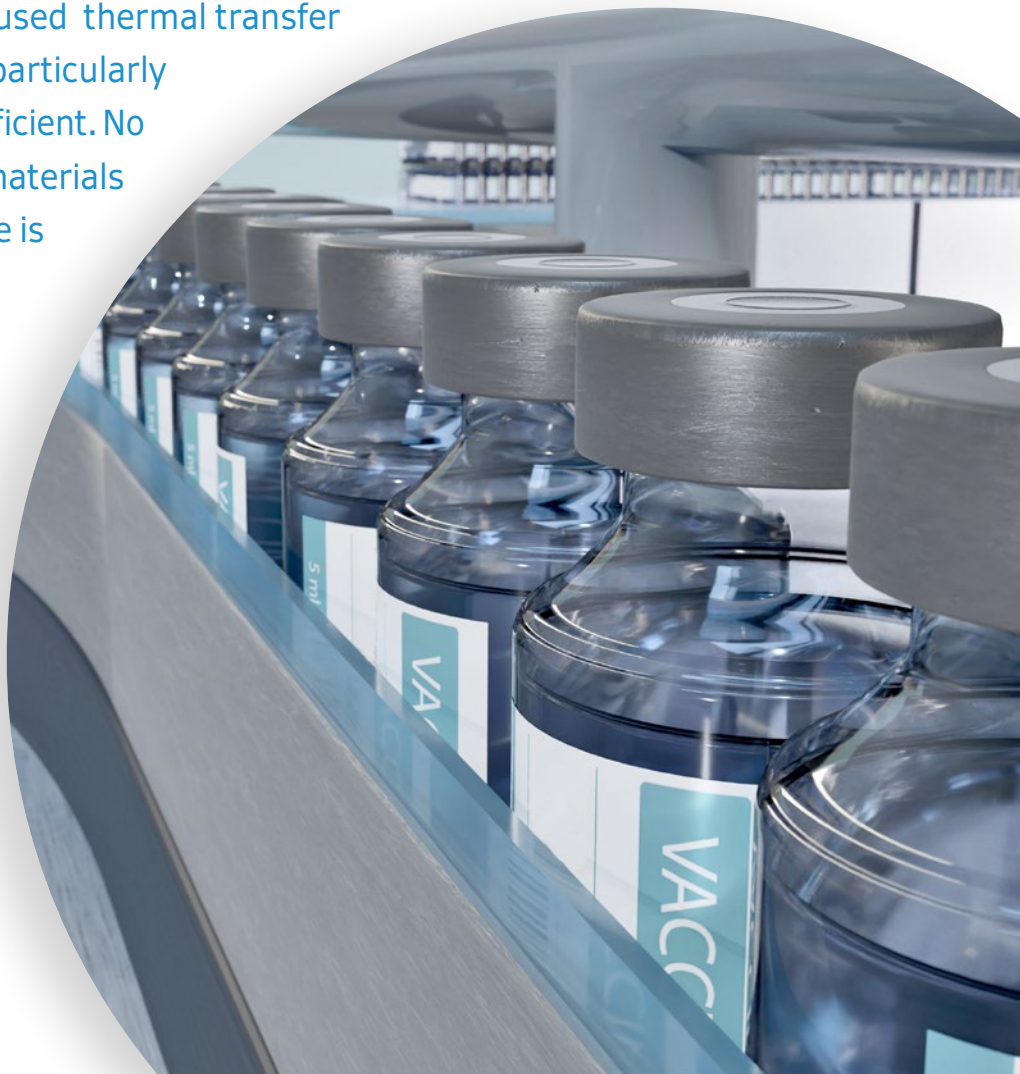


Variable printing of film labels with UV lasers

A simple colour change – without removing any material

Variable coding and marking of PE film labels at a very high speed with absolutely no smudging or scratching: UV lasers solve this challenge with the new HERMA PE White UV Laser labels by simply changing the colour – without removing any material. In cooperation with the industrial printers specialist Domino, extensive tests were carried out in their laser laboratory to ensure the best print and code quality.

Compared to the widely used thermal transfer printing, the UV laser is particularly resource-friendly and efficient. No additional consumable materials are needed and no waste is generated. There is also no longer any need for annoying downtime, for example for changing thermal transfer ribbons. Unlike thermal transfer printers, the laser makes optimal use of the speed of high-speed labelling machines – as a UV laser easily achieves up to 600 cycles per minute and more.





Benefits at a glance

- Particularly resource-friendly and efficient variable UV laser coding and marking
- An innovative principle with a simple colour change – without removing any material
- No consumable materials, avoiding regular downtime
- This significantly outperforms thermal transfer printing
- Smallest font sizes can be realised – with smudge and scratch-free print images
- Suitable for very low temperatures incl. freezing processes
- Trouble-free high-speed applications of 600 cycles and more
- Efficiency for pharmaceutical and cosmetic applications, in particular expiry dates, batch numbers and data matrix codes

Excellent print image



The Domino U510 UV laser enables extremely small fonts or characters with a height of only 0.6 millimetres (compared to thermal transfer printing with 1 millimetre at best). The deep grey lettering on the white foil labels is high in contrast and easy to read by machines.

Flexible integration



Thanks to its enormous flexibility and unique modular design, the Domino U510 UV laser can be easily integrated into HERMA labelling machines. The UV laser is particularly easy to maintain thanks to its non-contact operation.



Tamper-Evident Labels

Tamper-Evident Labels – secure tamper protection for your packages

Seal as proof for authenticity, according to EU Directive 2011/62/EU.

Since February 2019, all prescription medicines sold in the EU must have a seal that serves as proof of authenticity, among other safety features. This is a provision of EU Directive 2011/62/EU, which was adopted in 2011 and introduced by the Regulation (EU) 2016/161/EU.

From the cost-benefit point of view, sealing labels are an especially interesting way to continue using folding boxes that are already in use. These safety labels permanently affix the tuck-in flap to the body of the box. In terms of economic viability and technical practicality, conventional rectangular or round labels, preferably with additional security perforations, are the best solution.

The label material, which is usually transparent PE or PP film, is especially flexible and pliable – ideal for labelling around corners. The adhesives are highly resistant to water, hot air and a variety of solvents. Only if these conditions are met is the label impossible to peel off, even from highly varnished cartons, without either being destroyed or visibly damaging the surface.

For especially difficult surfaces, special adhesives are available, and the labels can additionally be provided with security perforations. One and the same sealing label variant can be used with an abundance of packaging materials and numerous different surfaces. The transparent, glossy material does not cover the information on the package or interfere with the brand image.

Extra security – with HERMA Tamper-Evident Labels

- Efficient compliance with tamper-evident requirements
- Round or rectangular labels as proof of authenticity
- Printed or unprinted, in the format you require
- Suitable for a wide range of surfaces
- Extremely strong adhesion and excellent flexibility
- Can be used on all common folding cartons
- Integrated solution: security label and labelling machine

Good to know:

Experience of our customers shows: HERMA labellers and tamper-evident labels are optimal for OCS packaging Facilities.
Perfect coordination of production facility, labeller and labels.





Our recommendation:

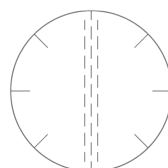
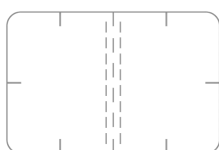
**Order sample rolls
now for testing**

Label material

PP film, transparent, glossy, good printability for serialisation

Product	Format (w x h) (mm)	Description	Reel dia. (mm)	Core dia. (mm)	GAP (mm)	Labels per roll	Winding
58360	30 x 20	Tamper Evident lables, PP-film transparent	300	76.2	2.4	20000	outside
58361	Ø 25	Tamper Evident labels, PP-film transparent	300	76,2	2,2	15000	outside

Rectangular and round labels are widely used for commercial and technical reasons. However, our experience has shown that rectangular labels are preferable. Their larger adhesive surfaces are better for high-speed dispensing and application to difficult surfaces.



Adhesives and security perforation

Strong, permanent adhesion, resistance to water, hot air and a variety of solvents

Security perforations are an anti-tampering feature for compliance with the European standard DIN EN 16679, "Packaging – Tamper verification features for medicinal product packaging".

The strong adhesive and the security perforations prevent removal of the label in one piece, thus serving as proof of authenticity. The perforation in the middle makes it easier for users to open the carton, while also ensuring that the label is destroyed.

Food regulations: The adhesives comply with recommendation XIV of the German Federal Institute for Risk Assessment and FDA 21 CFR 175.105.

Release liners

Strong release liners made of glassine for high-speed dispensing

We recommend release liners made of paper in order to ensure reliable labelling even at high dispensing speeds. Owing to their elasticity, comparable liners made of film cannot be positioned as accurately, and they are susceptible to electrostatic build-up.

The information in this brochure has been provided in order to inform you about our product. It does not constitute a warranty of any particular characteristics or of suitability for a specific kind of use. The user bears all responsibility for determining such suitability.



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