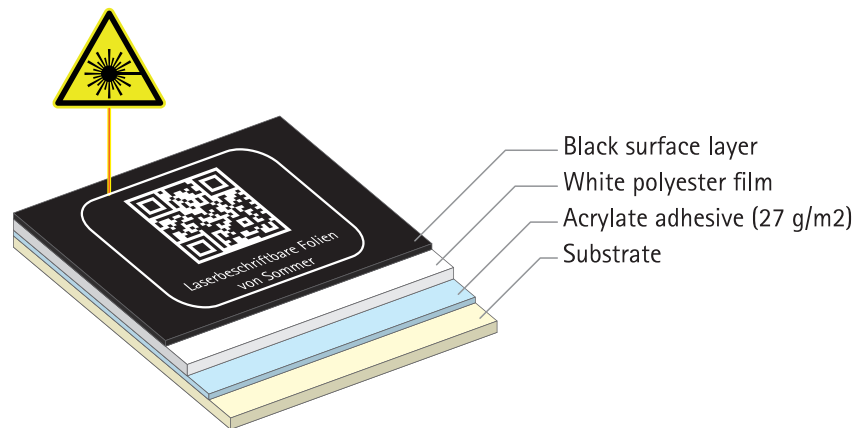


Laser-markable film som8010

Permanent product identification meeting the highest standards

The laser-markable film som8010 consists of a specially developed polyester film with an extremely wear-resistant black surface layer.

Our product has been developed specially for marking and contour cutting with all commonly available laser marking systems. The removal of the special black coating from the underlying white polyester film results in a highly accurate and high-contrast marking.



s o m m e r Laser markable film som8010

- ⊕ high-contrast and quick to label with best code readability
- ⊕ extremely durable
- ⊕ economical material structure
- ⊕ application-related development of special adhesives and carrier materials

10 x 10 mm

7 x 7 mm

Distance measurement

The main field of application are labels for demanding industrial environments with high requirements concerning wear resistance and process reliability.

The powerful acrylate adhesive is suitable for all kinds of applications and achieves a high final degree of adhesion even on substrates with low surface energy.

Our Sommer service: We carry out adhesive strength and wear resistance tests for you; also based on your individual requirements and on original materials.

Go to the digital product data sheet with further information about adhesive strength and wear resistance

kennzeichnend.

Benefits and performance characteristics

- Maximum efficiency thanks to variable and perfectly matched "just-in-time" laser marking and contour cutting (actual label dimensioning) in one processing step
- Maximum flexibility thanks to easy software-based modification of label contents and dimensions
- Extreme resistance to chemicals, solvents, heat, weather, abrasion and aging
- Energy savings and fewer emissions thanks to removal of less material (surface layer only instead of acrylate film)
- Above-average laser marking speed with up to 6,000 mm/s
- Precise and high-contrast marking result with optimal code readability
- Easy application thanks to high inherent stability of the PET film

Product variants

- Security effect prevents non-destructive removal
- Authenticity information and security feature in the form of a customer-specific watermark
- Protection against forgery thanks to remaining UV imprint
- Special application-specific adhesives
- Substrates optimised for processing and automation
- Use of pre-punched labels for defined label sizes saves time

Technical data

Surface material	White polyester with black surface layer optimised for laser marking, 55 µm
Adhesive	Acrylate, 27 g/m ² (special application-optimised adhesives possible)
Substrate	Paper with special coating, 60 µm

Strategic partnership with CAB

Reliable all-in-one solution

- Perfect matching of laser material and marking hardware for an optimal comprehensive solution
- Faster and more efficient solutions for customer-specific requirements or special problems
- Decades of experience in product marking and the high demands of the automotive industry



Further information about the laser film marking unit LM+



Storage: If stored appropriately (room temperature 20 °C, humidity 50%), the product can be processed for a period of approx. 24 months without any substantial changes of the product characteristics.

The suitability information is based on our experience to date. The quality of our products is subject to strict controls and is reviewed continuously. Our application specialists are at your disposal for in-depth consultation regarding any specific application. A suitability test should be carried out in each individual case under the respective conditions of use and on original substrates. The values stated in the product information are average values. The information is not binding, does not constitute a guarantee and is not otherwise intended for technical specifications.

