

Leather individualization via UV laser – i.e. marking through the top coat

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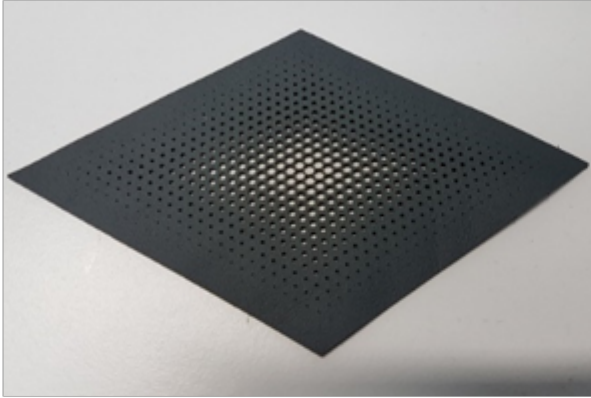
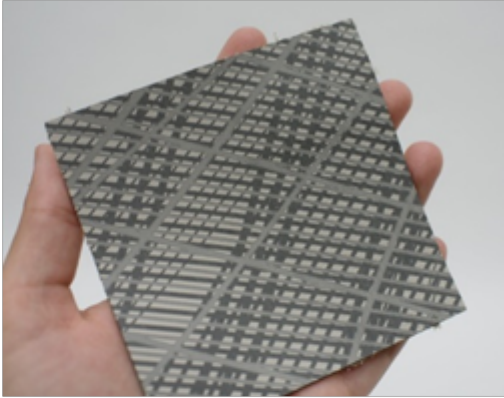


Content

Lasers are already well known as a reliable and precise industrial tool and since the development of this technique continues, more and more specialized laser sources evolve and the field of possible applications broadens.

With one UV laser system, four different kinds of processes are possible: perforation, marking, cutting and ablation. Compared to other types of lasers, a UV laser is able to process more detailed features with less heat impact to the surrounding material and causes less burnt smell. UV lasers are especially unique for laser marking of already finished leather goods, e.g. for the individualization of the interior in the automotive industry. The leather is stained through a photochemical process while the top coat remains intact. Therefore the finished leather goods do not need any post processing and can be used as designated. This is probably the gentlest method to embellish leather with an attractive surface design.

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<h2>Perforation</h2>	<h2>Marking</h2>
	
<h2>Cutting</h2>	<h2>Ablation</h2>
	

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Keyword

UV Laser, Perforation, Marking