

Many talk about it, we implement it...

Ecological sustainability



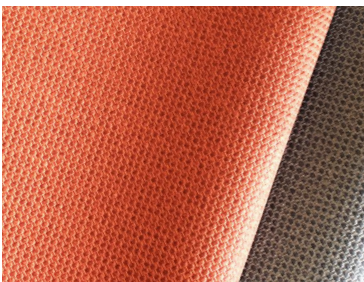
**GREEN
inside**

That means taking responsibility for environmental and climate protection and Vowalon has been doing this for many years under the motto GREEN-Inside - environmentally friendly materials and processes. The stock collections of the VOWAled upholstery imitation leather range are produced completely phthalate-free and particularly resource-saving. As a further "green highlight" our newly developed, high quality PUR upholstery imitation leather Pasco, which, i.a. is coated without dimethylformamide (DMF).



VOWA_{tec} Pasco - high quality PUR upholstery imitation leather

Pasco also convinces with a natural leather look, a particularly soft touch and the wide range of uses includes all kinds of upholstery. It ranges from medical couches, sports and fitness applications to vehicle, boat and ship building due to the tested flame resistance according to DIN EN 1021-1 + 2 and according to BS 5852 Crib 5.



Design-inspiration

New formulation with bio-based plasticizer

And another "green" new development from Vowalon! After a long series of tests, we have successfully used a bio-based plasticizer for our PVC coatings. This means that a proportion of renewable raw materials of up to 40% can be proven in the product! Imitation leather produced on this basis reaches product class 1 of the Öko-Tex Standard 100 and meets the highest demands as a universal upholstery synthetic leather. The surface can be designed with a wide range of embossings depending on the customer's requirements. In addition to the excellent ecological balance, the new development has other positive properties in terms of odour and emission behaviour and high resistance to sweat and cosmetics.



Customer example

VOWA_{tec} medilind[®] High-Tech hygiene-textiles

With regard to the Corona crisis in particular, the demand for hygiene textiles "Made in Germany" increased enormously. Thanks to flexibility and with the help of our in-house laboratory and application technology team, we were able to present just-in-time, well-founded and solution-oriented developments tailored to very short-term customer inquiries, or implement them on a large scale. A Saxon network of suppliers, equippers and manufacturers also helped. Our PUR coatings from the VOWAtec Medilind segment made their contribution to the protection of children and adults, patients and medical staff in hospitals and care facilities, especially during the coronavirus pandemic. Our customers use the Medilind coatings to produce, among other things, reusable mouth / nose masks in accordance with EN 14683: 2019 or reusable work clothes in accordance with DIN EN 14126: 2004. In addition to the excellent properties, such as bacteria and virus-proof, antibacterial and fungicidal, wipeable and disinfectable, these high-tech hygiene textiles score with ecological sustainability - they are reusable, biocompatible according to DIN EN ISO 10993-5 + 10 and certified according to standard 100 by Ökotex product class 1.