

Siltex Flecht- und Isoliertechnologie Holzmüller GmbH & Co KG

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

SILTEX is an expanding, globally active company in Lower Bavaria, directly on the Austrian border. For over half a century, we have been specialising in braided and insulating sleeves for thermal and electrical insulation as well as for the areas of plastic reinforcement and lightweight construction.

Decisive advantages over woven fabrics or the wrapping technique: 1.homogeneous fibre symmetry throughout the entire component 2.no major changes in direction 3.endlessly processed fibres continuously over the component length 4.symmetrical fibre layer 5.natural cohesion of the fibres, resulting in good handling 6.the braid moulds itself to the contour or the workpiece 7.no folds or overlaps, thus enabling more efficient lightweight construction 8.material, cost and time savings 9.integration of fibres in 0° direction possible (SILTRIAX) - increasing the mechanical strength of linear components

Palmstraße 27
84387 Julbach
Bavaria
Germany
www.siltex.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a



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About this organisation

Main areas covered Hybrid lightweight construction

Infrastructure

Certifications ISO 9001 / 2015

Keywords Lichens, Braided structures, Electrical insulation, Customised products, Hybrid

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts	✓	✓	✓
Services & consulting Consulting, Engineering	✓	✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology			
Braiding	✓	✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics			✓
Thermoset plastics, Elastomers, Thermoplastics			
<i>Structural ceramics</i>			
(Technical) textiles			✓
Meshes			

Contacts

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Contacts

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