

vombaur
pioneering tech tex



SEAMLESS
SOLUTIONS

Filtration Textiles
Composite Textiles
Industrial Textiles

SEAMLESS SOLUTIONS

Different industries.
Different requirements.
Seamless solutions.

Seamless woven sleeves and tapes by vombaur are used in numerous industries and for a wide range of applications. Our customers come from all over the world.

- > Aviation & automotive
- > Construction & water management
- > Chemicals & foods
- > Medical & orthopaedics
- > Sports & outdoor
- > Mechanical engineering & electronics

YOUR DEVELOPMENT PARTNER FOR HIGH-TECH TEXTILES AND COMPOSITES

Our solutions are as special as the demands in terms of resilience and functionality of our narrow textiles. At vombaur, we develop and manufacture high-tech narrow textiles and composites that are precisely tailored to your respective applications.

Your current requirements drive our product development: depending on what your component has to achieve, we select and combine the materials, the weave fabric type, the weaving technique and the finishing.

> FILTRATION TEXTILES

Seamless: Filter sleeves and narrow textiles for fabricating filter media

> COMPOSITE TEXTILES

Low weight – high strength:
Woven fabrics for composite materials made of carbon, aramid, glass, and hybrids

> INDUSTRIAL TEXTILES

Tailored: Tapes, belts, seamless woven tubulars made of synthetic and metallic fibres

NO SEAM – MANY BENEFITS

Seamless round woven tubulars and form woven 3D textiles

At vombaur, we weave our tubulars and 3D fabrics on specially developed looms. The result: seamless woven tubulars that have the same surface properties in circumference and over the entire length.

This means that they offer **numerous** advantages over fabricated tubulars, profiles and preforms:

- > High load-bearing capacity
- > High burst strength
- > Uniform shrinkage behaviour
- > Uniform material thickness – also on curvatures and edges
- > Uniform flow rate
- > No undesirable breakage points due to seam or weld contours
- > Long service life and low wear



Round woven narrow textiles
without seam or weld contours





PERFECT FIT.
PROCESS
ASSURED.
SEAMLESS.

FROM ARAMID TO PPS

The perfect material for any requirement

The raw material is a decisive factor for the functionality of technical textiles. For our seamless tubulars and tapes we use high performance fibres of all kinds. Depending on the tasks our filtration, composite and industrial textiles are to perform, we use the following materials:

- > Stainless steel
- > Copper
- > Carbon
- > Aramid
- > Glass
- > Polyester
- > Polyamide
- > Polypropylene
- > PTFE
- > PVDF
- > PEEK
- > PPS
- > ETFE
- > Non-standards

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Certified acc. to
DIN EN ISO 9001:2015

