vombaur
pioneering tech tex

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Certified acc. to
DIN EN ISO 9001:2015

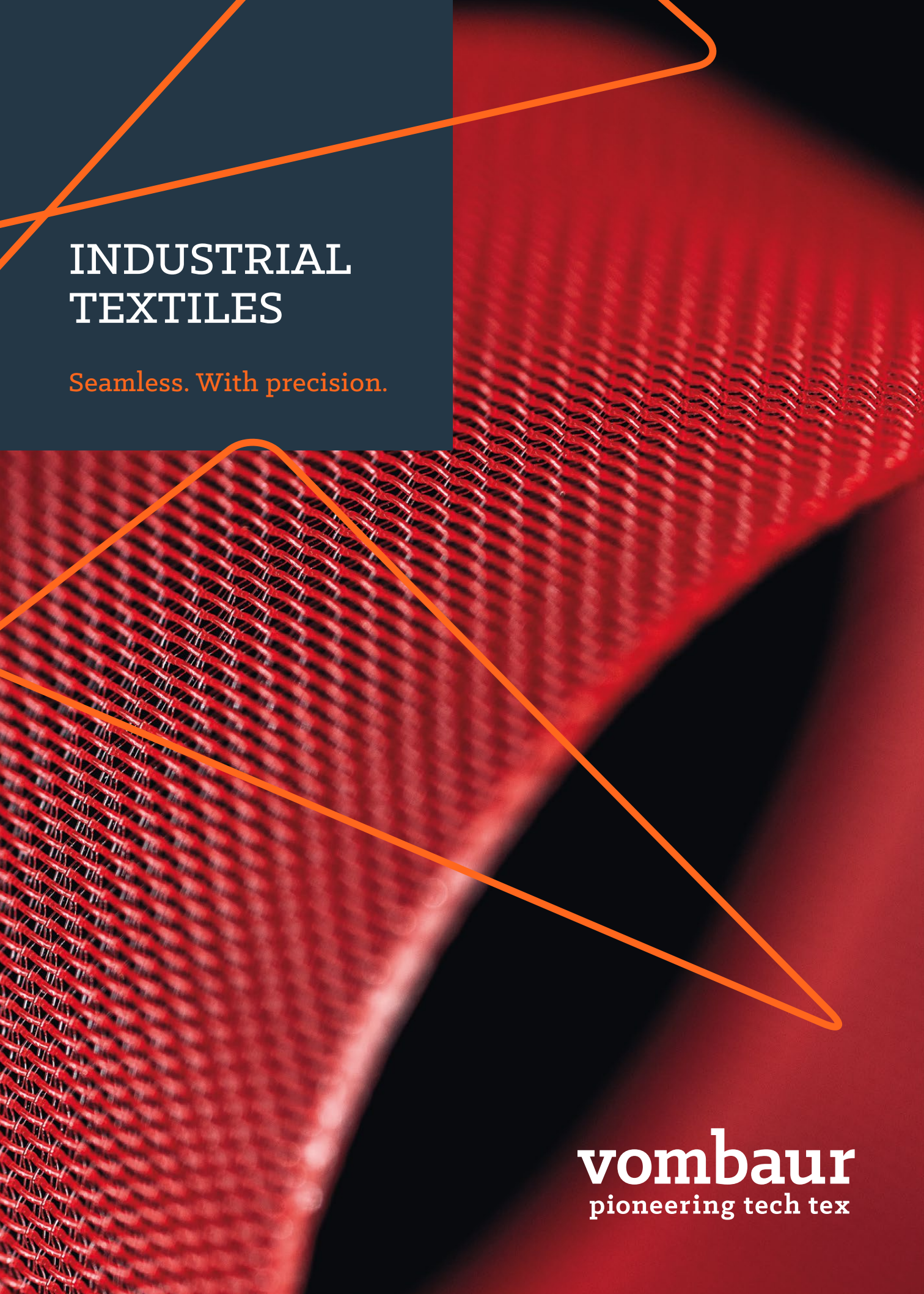
MEMBER OF
TEXTATION
GROUP

stotz-design.com 04/22

Round woven polyamide conveyor belt

INDUSTRIAL TEXTILES

Seamless. With precision.



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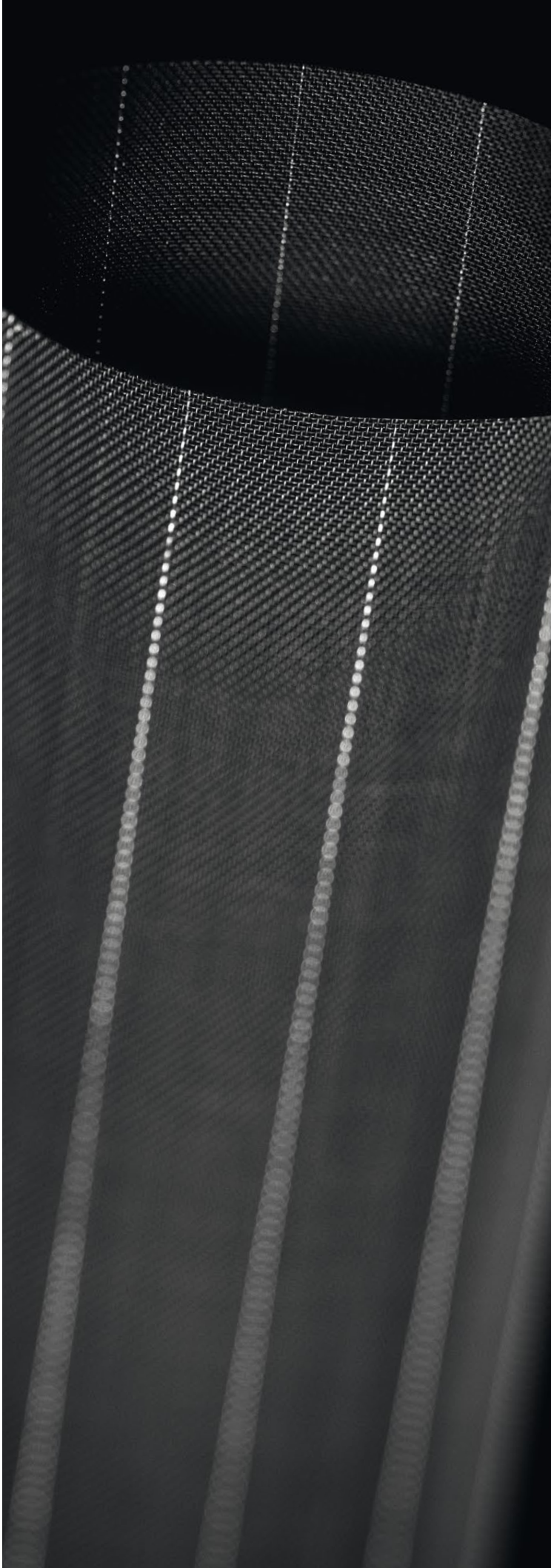
SEAMLESS. WITH PRECISION.

Tapes, belts, seamless woven tubulars

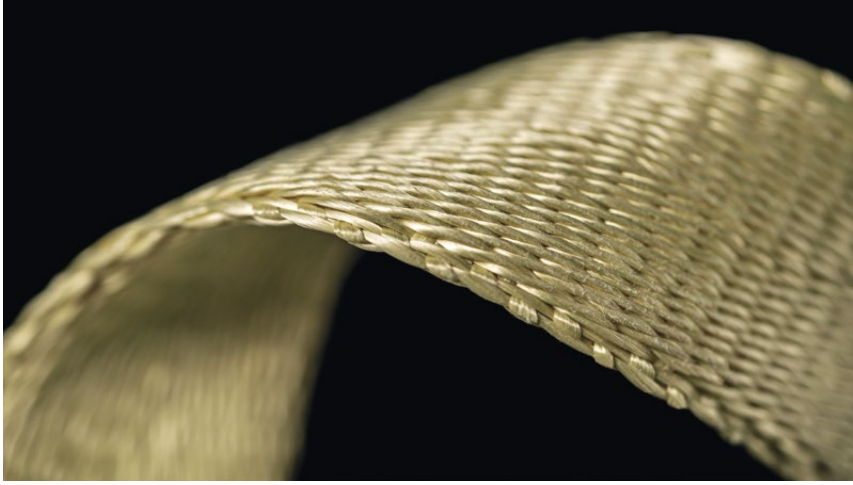
Our narrow textiles made of high-performance fibres are round- or form-woven fabrics. And without a seam or weld contours, there are no undesirable breakage points. This ensures the extraordinary resilience and special quality of our industrial textiles – tapes, belts and seamless woven tubulars with uniform properties and the highest precision.

Industrial textiles by vombaur

- 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 in longitudinal direction
- Long service life and low wear



Reliable and precise all around: conveyor belt with woven-in conductive threads



Tear-resistant and low-stretch:
Aramid belt with uniform selvedges

No assembly seam and thus no undesirable breakage points

PROCESS ASSURED

High-tech textiles for demanding tasks

Our seamless woven high-tech narrow textiles fulfil demanding tasks. In many industries they keep the production processes running smoothly. Also and particularly in critical functions.

For our narrow textiles we use different techniques and unique equipment.

Textile solutions for a wide range of applications:

- as continuous conveyor belts for machinery construction
- as textile coating for timing belts
- as filling tubulars for dewatering the soil
- as conveyor belts in escalators
- as cut-protection tubulars for load belt
- as protective jackets in seat heaters
- as an assembly aid for manufacturing continuous conveyor belts
- and many more

ABUNDANT

High performance materials for high performance products

High performance materials form the basis for our industrial textiles. The mechanical, chemical and thermal requirements of the component determine the choice of raw materials. For our tapes, belts and woven tubulars, we choose the basic material or material combination that best meets the respective requirements. We enhance our products in certain applications – for example, with conductive coatings.

Do you need a narrow textile made of a different material? Please feel free to contact us.

Industrial textiles made of high-performance fibres

- Stainless steel
- Copper
- Polyester
- Polyamide
- Polypropylene
- PTFE
- PVDF
- PEEK
- PPS
- ETFE
- Carbon
- Aramid
- Glass
- and others

Your individual requirements drive the choice of raw materials.

Precisely defined: Hem-stitched belt made of high tensile polyester

IN APPLICATIONS

Your application – our development: customised technical textiles

They convey, they reinforce, they pull, they protect people and materials against cuts and UV radiation: In numerous industrial applications our narrow textiles made of synthetic and metallic fibres fulfil decisive tasks.

We manufacture custom widths up to 950 mm.

Also in special designs with two identical selvedges, with elasticated weft

Heat resistant and flexible: Engine intake tubular made of PPS and Aramid

Reliable protection:
Load strap made of highly cut-proof thread for challenging tasks

SAFETY GUARANTEED

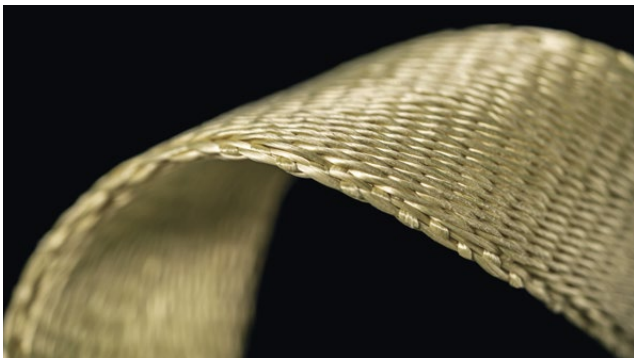
Tapes, belts and seamless woven tubulars for demanding tasks

Technical textiles need to perform precisely and reliably. And for as long as possible. Seams often turn out to be weak points. Our woven tubular narrow textiles made of high-tech threads do not have any seams.

This leads to the extremely high loadability, tensile strength and cut resistance of our tapes, belts and round woven tubulars. Thanks to our high-tech narrow textiles, production processes in industry run safely and smoothly, because we know how they need to perform. Reliably and durably.

Load belt

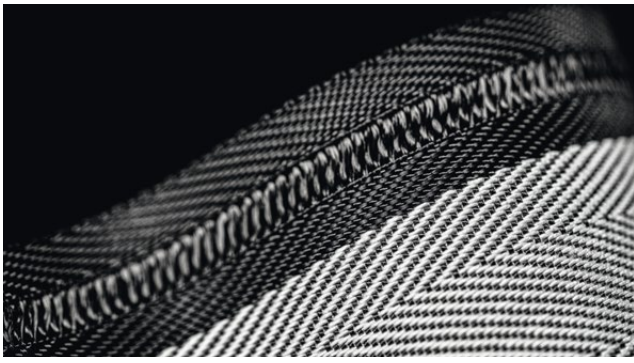
Maximum tensile strength and safety for parachute belts and more



Thanks to the two identical selvedges and the simultaneous stop of all longitudinal threads

Hem-stitched belt

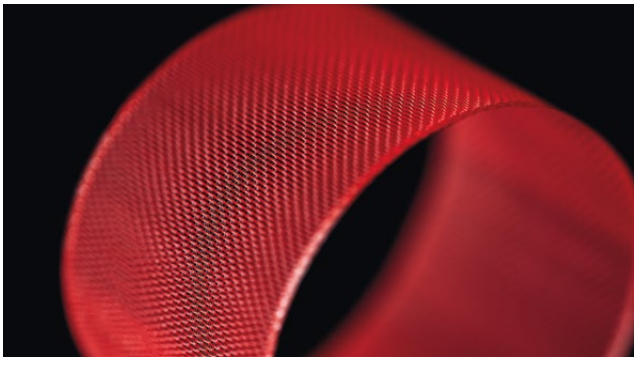
Precisely defined properties, precise finishing: We manufacture technical textiles with minimal tolerance limits for you.



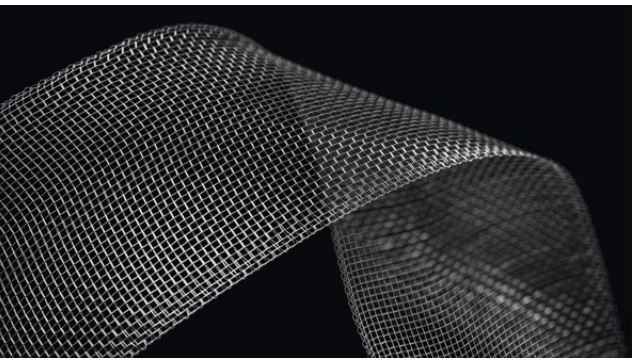
Thanks to precise positioning of channels without warp threads

Continuous conveyor belt

Low-wear and air-permeable conveyor belt



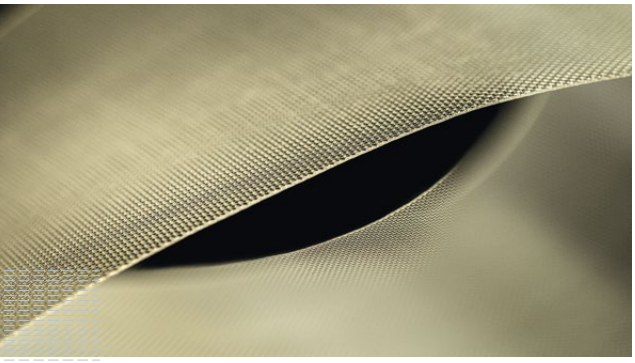
Thanks to the uniform surface properties of the seamless woven tubular



Conductive narrow textiles

Woven for antistatic discharge, as lightning strike protection or for further applications with a low electrical resistance

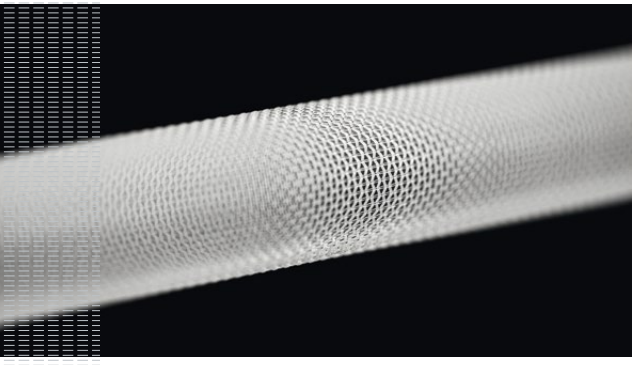
Thanks to a special stainless steel alloy



Coating belt

Round woven tubular with uniform running properties, ideal for homogeneous coating applications

No difference in thicknesses thanks to the seamless woven surfaces



Heat-shrink tubular

Seamless round woven tubular, characterised by homogeneous shrinkage behaviour

Through all round weft thread

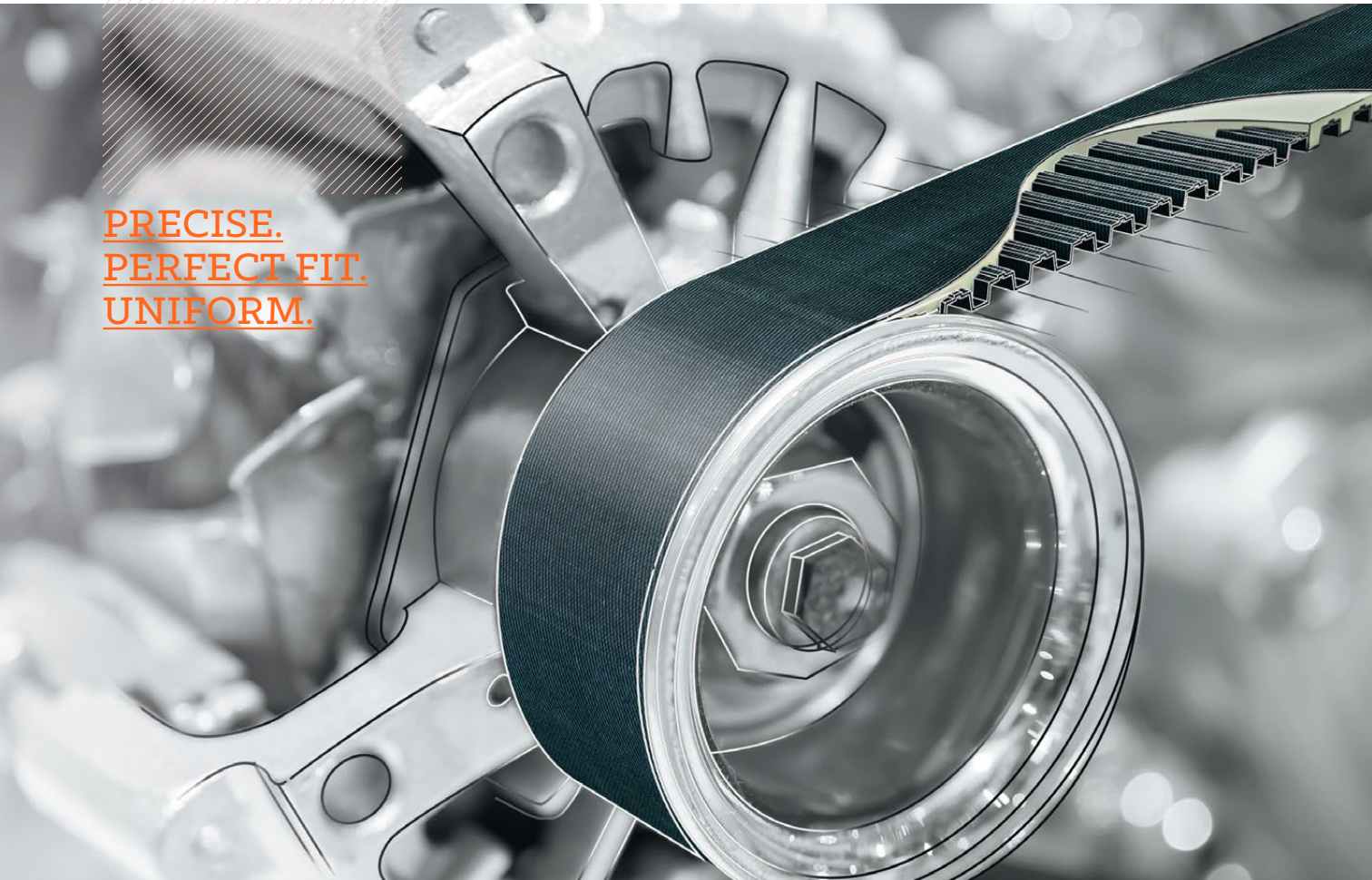
ALL AROUND

Uniform properties, uniform behaviour

Seamless round woven narrow textiles are characterised among other things by the fact that they have identical properties over the entire surface. They therefore have exactly the properties you need – all around and over the entire length.

Seamless narrow textiles: No unevenness, no differences in thickness, no differences in shrinkage or coating

Precise and durable: Wear-resistant textile reinforcement for timing belts



PRECISE.
PERFECT FIT.
UNIFORM.

CUSTOMISED

We are your development partner.

Your requirement drives our product development: depending on what your component has to achieve, we select and combine the materials, the woven fabric type, the weaving technique and the finishing.

Industrial textiles to your specifications

MATERIAL	All weavable synthetic and metal threads
FINENESS	All
THREAD TYPE	Monofilament, multifilament, spun
FLAT WIDTH	Standard: up to 350 mm Custom-made products: up to 950 mm
WEAVING TECHNIQUE	Needle or shuttle technology
3D PROFILE AND CHAMBER SYSTEMS	T, double T, star shape, hollow chamber structures, omega profiles and others
WEAVE	Taffeta, twill, satin, special bindings
FINISHING	Powder-coated, non-woven coated, hot melt adhesive component, washed, thermoset (contact heat, hot air or saturated steam), coated, shrunk, printed
FABRICATION	Ultrasonic welding, sewing, shrink wrapping, covering plastic or metal carrier, connections with injection moulding, delivery as kit, special packaging
SPECIAL FEATURES	With two identical selvedges, with elasticated weft, with leno weave in tubular fabrics

Conductive:
Copper glass tape for industrial applications

INDIVIDUAL
INNOVATIVE
SEAMLESS