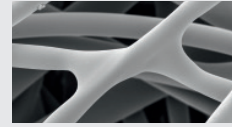
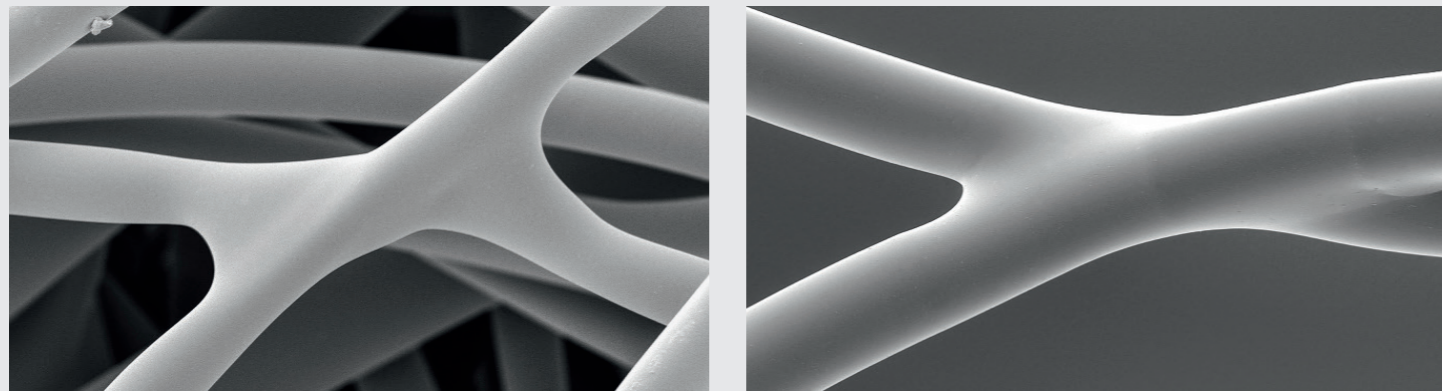




BICO FIBRES



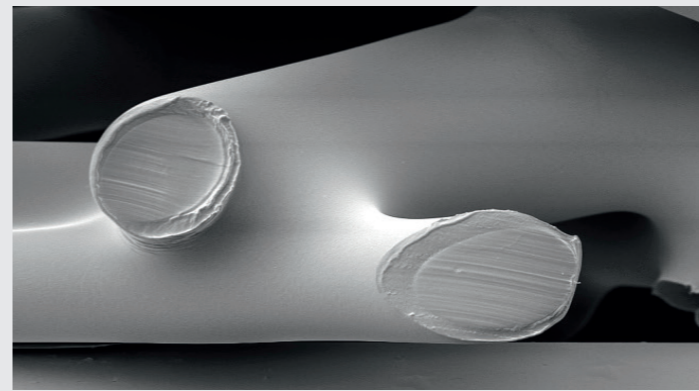
STRENGTH
INNOVATIVE
HIGH QUALITY
SUSTAINABLE



Trevira Tec Bond, Trevira Eco Bond and Trevira Care Bond are customised bicomponent fibres for the production of thermally bonded nonwovens. Based on improving standards of living worldwide, new technical developments and environmental challenges, different market sectors have witnessed an increasing number of applications for a wide variety of nonwoven products over the last years. Trevira's bico fibres are part of this development. Trevira's bico fibres can be found as the bonding component in many end-use applications such as hygiene articles, technical products, special papers, insulation material, geo-textiles and products for the food packaging industry.

Trevira has taken up the challenge and excels at offering bicomponent fibres incorporating not only polyester but also other raw materials to develop high-performance fibres and end products in close cooperation with our partners.

We look forward to **get connected** with you for future developments.



Fibre cross section: round

Fibre count: from 0,9 dtex to 9 dtex

Cut length: from 3mm to 80mm

Fibre configuration:

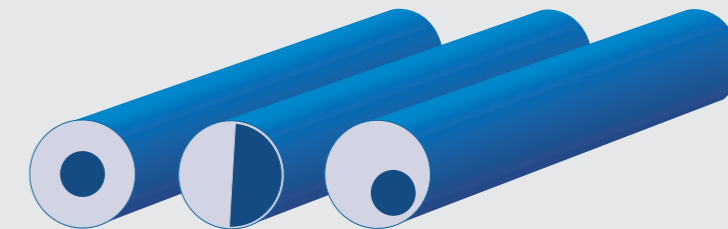
core-sheath, side-by-side or off-centre

Various raw material combinations:

PE, PET, PBT, PLA, PBS etc.

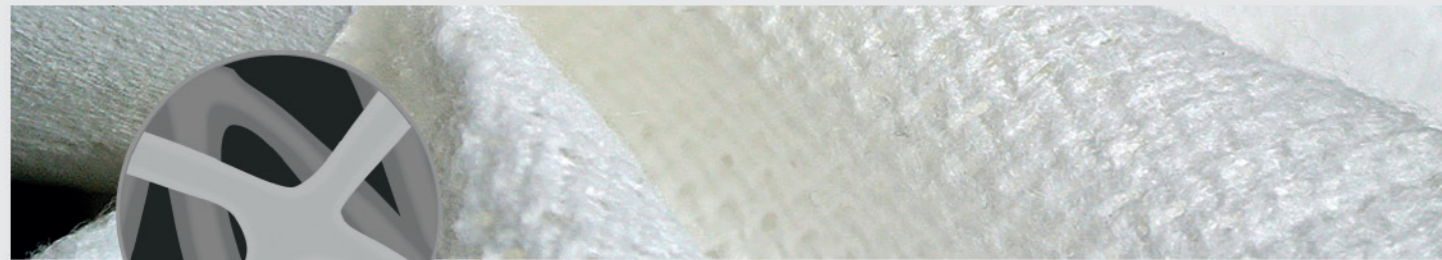
Fit for:

carding, air-laid, and wet-laid



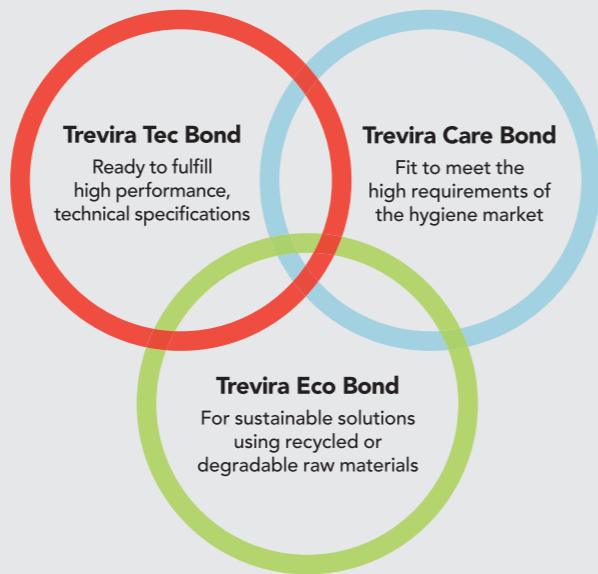
Features:

- All our bico fibres are antimony-free
- Crystalline or amorphous fibre types
- Crimped or uncrimped
- Oleophobic or hydrophobic
- Flame retardant
- Low shrinkage
- Various melting points & ranges available



We engineer bico fibres with one purpose in mind.

Yours.



Trevira's technical bicomponent fibres are engineered to meet specific customer requirements.

Highly customised bico fibres are offered not only based on polyester / co-polyester, but also combined with other raw materials such as PE, PBT, and more. Our bico fibres can be engineered to meet customer requirements with precision and fulfil melting ranges as well as exact melting points. Apart from the individual benefits of the various raw materials used, Trevira is in the position to provide special bico fibres with additional properties such as flame retardancy, oleophobic, hydrophobic or low shrinkage modifications.

Engineered bico fibres are fundamental for filtrations, insulations, civil engineering, geo-textiles, and special papers.



Trevira's Care Bond fibres are ready to meet the high demands of the hygiene industry.

All bicomponent fibres from Trevira are antimony-free and can receive a hydrophilic finish to make them fit to meet the uncompromising hygiene and care standards. Designed for this purpose, the soft fibres feel gentle against the skin.

It is needless to say that special care is devoted to the cleanliness of the entire production chain, from the machines to the packaging of the fibres themselves. This is ensured by constant spot quality checks carried out according to Trevira's stringent operational and maintenance requirements.

Care Bond bico types are designed to meet the highest standards for baby and feminine care, incontinence products as well as wet wipes and tissues.



Trevira's ecological bicomponent fibres offer sustainable alternatives towards all sectors of the industry. Made from sustainable or recycled raw material, they protect the environment while adding value.

Our agglomeration unit at our Bobingen site can recycle by-products from our manufacturing sites and transform them into serviceable raw material.

Together with its selected partners, Trevira also offers PLA as well as PBS fibres. Among such biopolymers, both raw materials offer an exceptional technological opportunity, since they have outstanding properties in terms of environmental care and sustainability whilst rendering the required product functions. PLA and PBS are recyclable and up to 100% biodegradable under industrial conditions.

Trevira Eco Bond sustainable bico fibres are fit for food packaging, products with food contact as well as for all end-use applications where sustainable solutions matter.



Our Quality is your peace of mind

Trevira is an important European chemical fibre manufacturer. Uniquely in Europe, for most of its products, Trevira is able to provide the entire textiles value chain from polymer to fibres and textured filament yarns. Our customers benefit from our extensive range of products and services along with exceptional expertise in research and development. As a Trevira customer, you can be sure of uncompromising quality and market success.

Trevira operates a management system for quality and environmental protection that meets the requirements of industry standards ISO 9001 and ISO 14001. Our energy management system is certified under ISO 50001. Trevira has also been awarded the “Systematic Safety” seal of approval for its systematic and effective occupational health and safety management. The award also certifies that Trevira fully meets the requirements of industry-standard ISO 45001:2018.

Awarded by the International Association for Research and Testing in the Field of Textile and Leather Ecology (OEKO-TEX®), Trevira textile products hold the STANDARD 100 by OEKO-TEX® certificate.

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Trevira

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