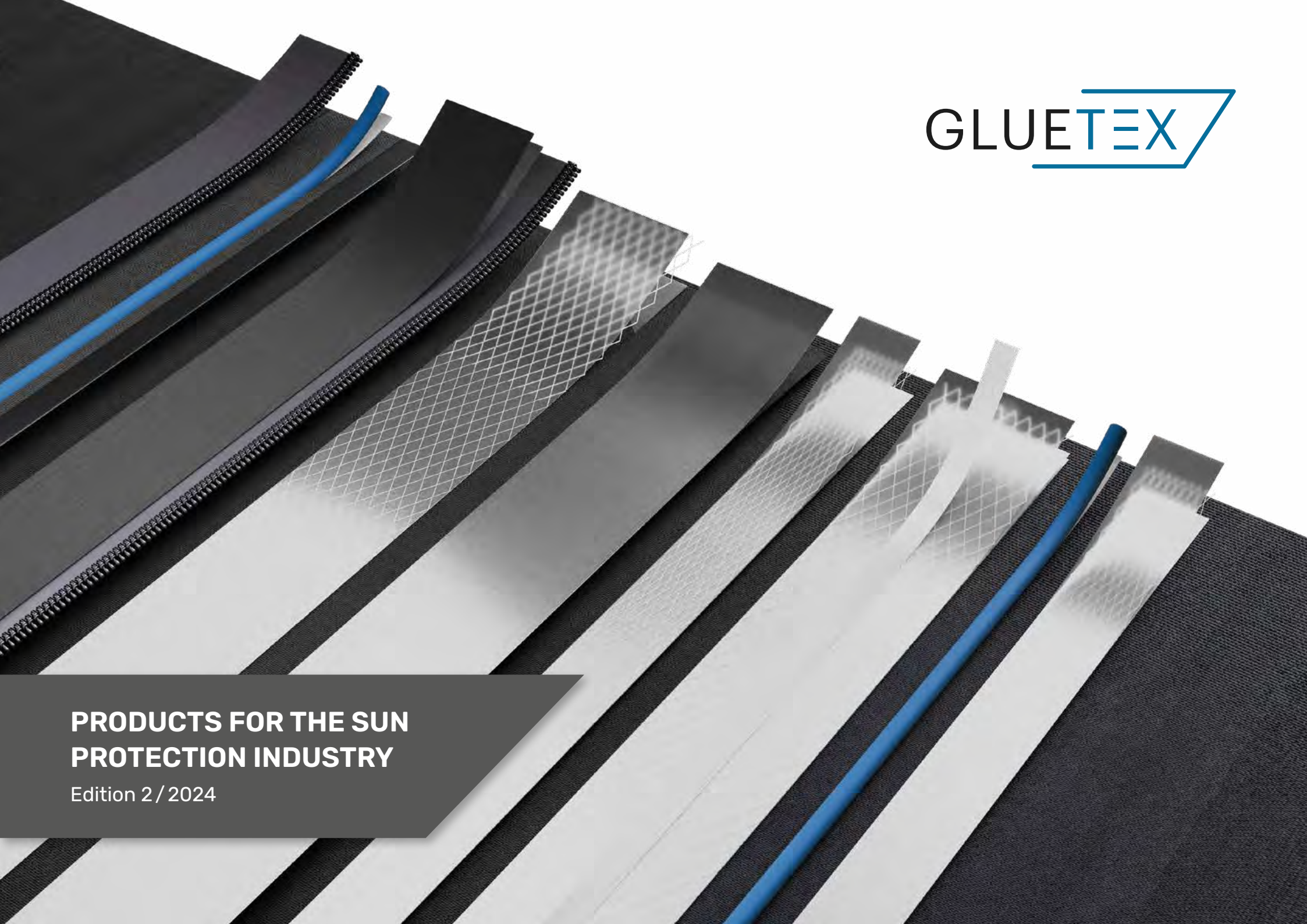

GLUETEX

PRODUCTS FOR THE SUN PROTECTION INDUSTRY

Edition 2 / 2024

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ABOUT GLUETEX

GLUETEX GmbH has been a leader in the textile sun protection industry since 2005.

Initially, our focus was on hotmelt adhesive tapes for a wide range of textile sunscreen fabrics. For several years, we have also been operating successfully in other market segments, such as the textile, automotive and electronics industries, where our innovative joining technologies are also used.

As a company, we have set ourselves the goal of finding a solution for every customer requirement in terms of joining materials using bonding technology. This innovative strength and our customer understanding set us and our offering apart. This is also epitomised by our newly developed products. In particular, our current product range for the sun protection industry demonstrates this with future-oriented technologies. In this brochure, we will introduce you to these products for the edge processing of exterior and interior sun protection, fabric banners and much more.

We hope you enjoy discovering the world of GLUETEX

Your team at GLUETEX

Bonding – the better solution

Industrial bonding technology is the joining technology of the future; after all, bonding is much more than just joining various materials with different surfaces. Adhesives transform materials into high-strength composites. The universally applicable key technology can complement or completely replace conventional joining techniques. No additional sewing machine is required and the adhesive bonds are waterproof.

Without this innovative, easily automated joining technology, many modern products and applications – from macrotechnology to nanotechnology – would be inconceivable.

WHAT WE DO FOR YOU

1. YOUR REQUIREMENTS OF US
2. OUR SOLUTIONS FOR YOU
3. WE MAKE SAMPLES, YOU TEST THEM
4. WE PRODUCE FOR YOU
5. LOGISTICS AND SHIPPING

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Our products at a glance

The special features of this product.

This is where the product is used.

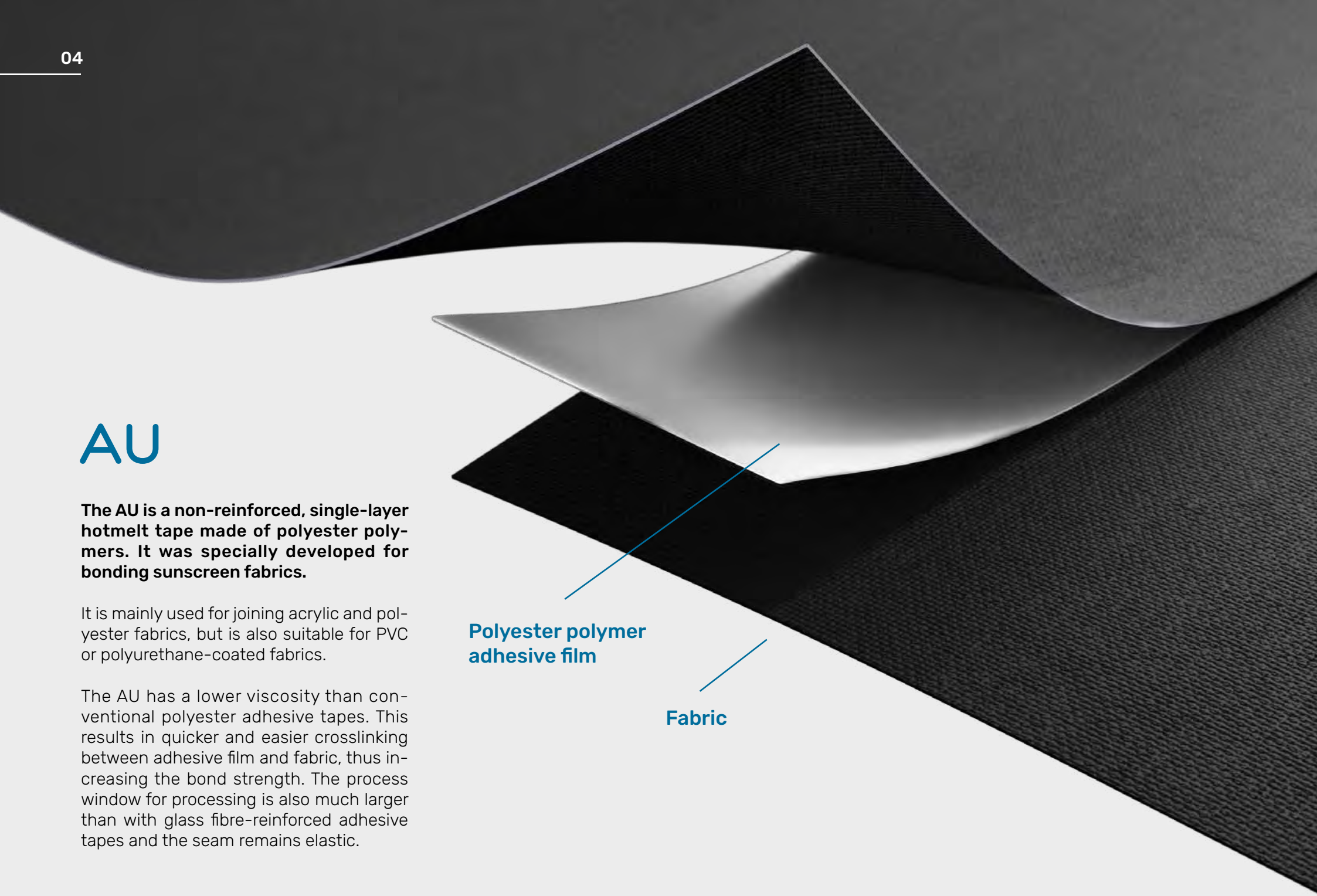
We offer these product variants.

AU

The AU is a non-reinforced, single-layer hotmelt tape made of polyester polymers. It was specially developed for bonding sunscreen fabrics.

It is mainly used for joining acrylic and polyester fabrics, but is also suitable for PVC or polyurethane-coated fabrics.

The AU has a lower viscosity than conventional polyester adhesive tapes. This results in quicker and easier crosslinking between adhesive film and fabric, thus increasing the bond strength. The process window for processing is also much larger than with glass fibre-reinforced adhesive tapes and the seam remains elastic.



The hotmelt tape AU is a real all-rounder in the area of sun protection applications:

- Quick and easy penetration of the hotmelt adhesive film into the fabric.
- Clean processing with no visible penetration of the adhesive film.

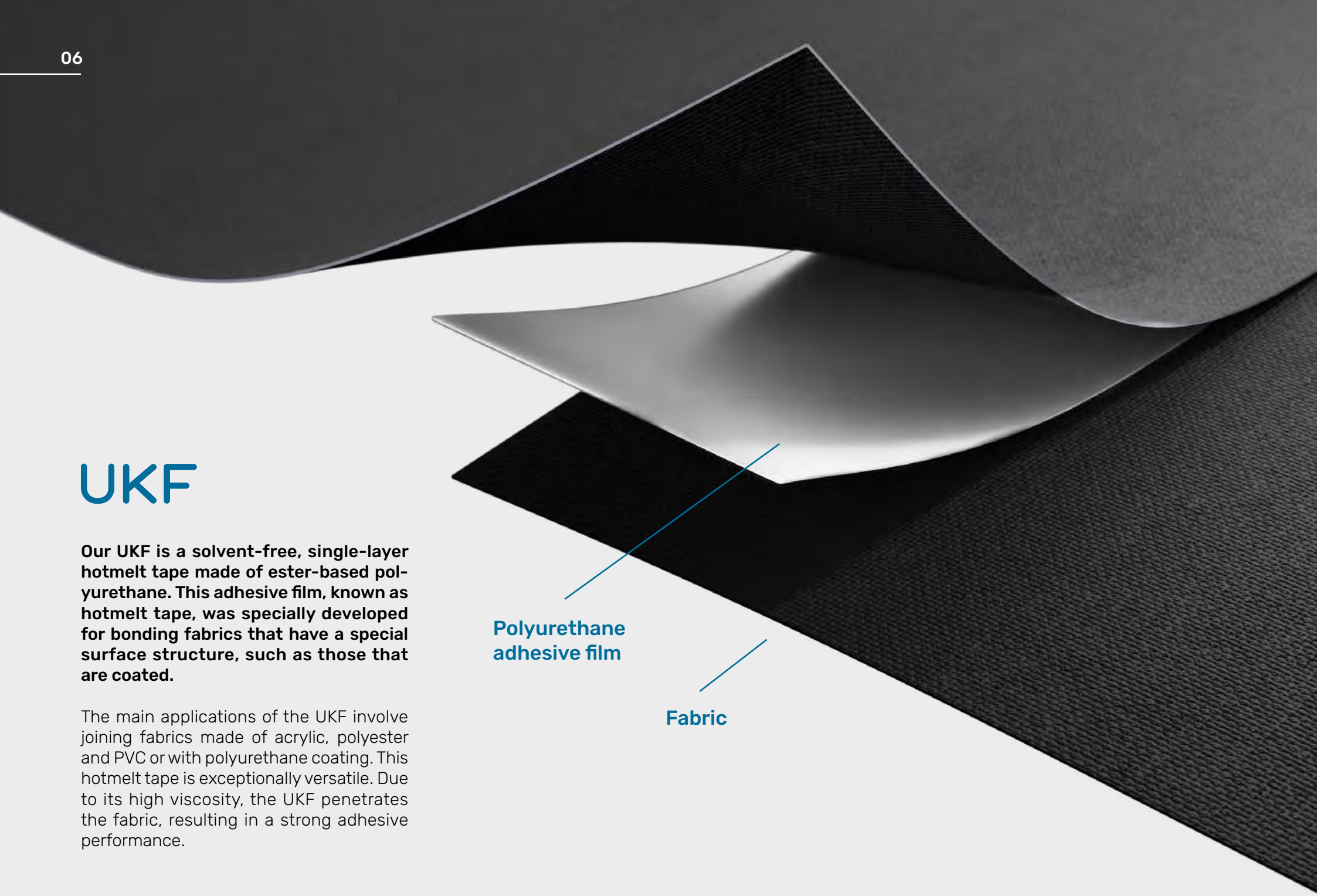
- Bonding of acrylic fabrics, polyester and other textiles.
- For small to medium-sized awning fabrics for interior and exterior sun protection and advertising banners.
- Fabric production with side hems and variants with overlap seams.

- 10 mm tape width
- 18 mm tape width
- 20 mm tape width
- Other widths available on request (10 mm to 1,200 mm)

UKF

Our UKF is a solvent-free, single-layer hotmelt tape made of ester-based polyurethane. This adhesive film, known as hotmelt tape, was specially developed for bonding fabrics that have a special surface structure, such as those that are coated.

The main applications of the UKF involve joining fabrics made of acrylic, polyester and PVC or with polyurethane coating. This hotmelt tape is exceptionally versatile. Due to its high viscosity, the UKF penetrates the fabric, resulting in a strong adhesive performance.



The hotmelt tapes AU and UKF are our real all-rounders and differ only in the material of the adhesive film. As a result, they complement each other perfectly and are able to cover almost all textile bonding requirements.

- Quick and easy penetration of the hotmelt adhesive film into the fabric.
- Clean processing with no visible penetration of the adhesive film.

- Bonding of acrylic fabrics, polyester and other textiles.
- For small to medium-sized awning fabrics for interior and exterior sun protection and advertising banners.
- Fabric production with side hems and variants with overlap seams.

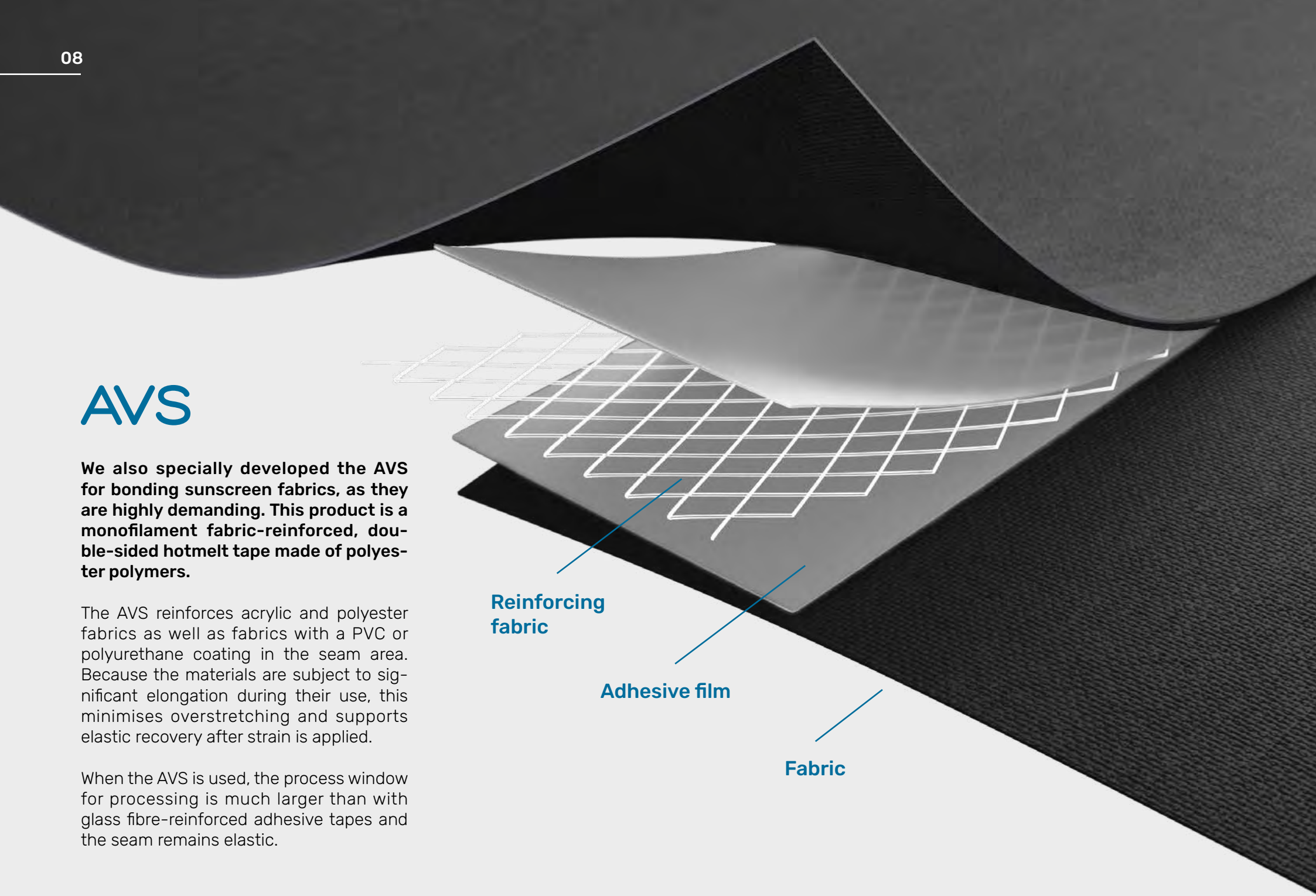
- 10 mm tape width
- 18 mm tape width
- 20 mm tape width
- Other widths available on request (10 mm to 1,200 mm)

AVS

We also specially developed the AVS for bonding sunscreen fabrics, as they are highly demanding. This product is a monofilament fabric-reinforced, double-sided hotmelt tape made of polyester polymers.

The AVS reinforces acrylic and polyester fabrics as well as fabrics with a PVC or polyurethane coating in the seam area. Because the materials are subject to significant elongation during their use, this minimises overstretching and supports elastic recovery after strain is applied.

When the AVS is used, the process window for processing is much larger than with glass fibre-reinforced adhesive tapes and the seam remains elastic.



- Easy processing in the production process.
- Excellent elastic recovery.
- Seam overstretching due to the roll up procedure is reduced.
- Fabric pre-tensioning is omitted.
- Tolerates a greater seam stretch before the seam is permanently elongated.
- Enables production of an “elastic” seam.
- Despite reinforcement, the seam is not thicker than a conventional sewing seam!

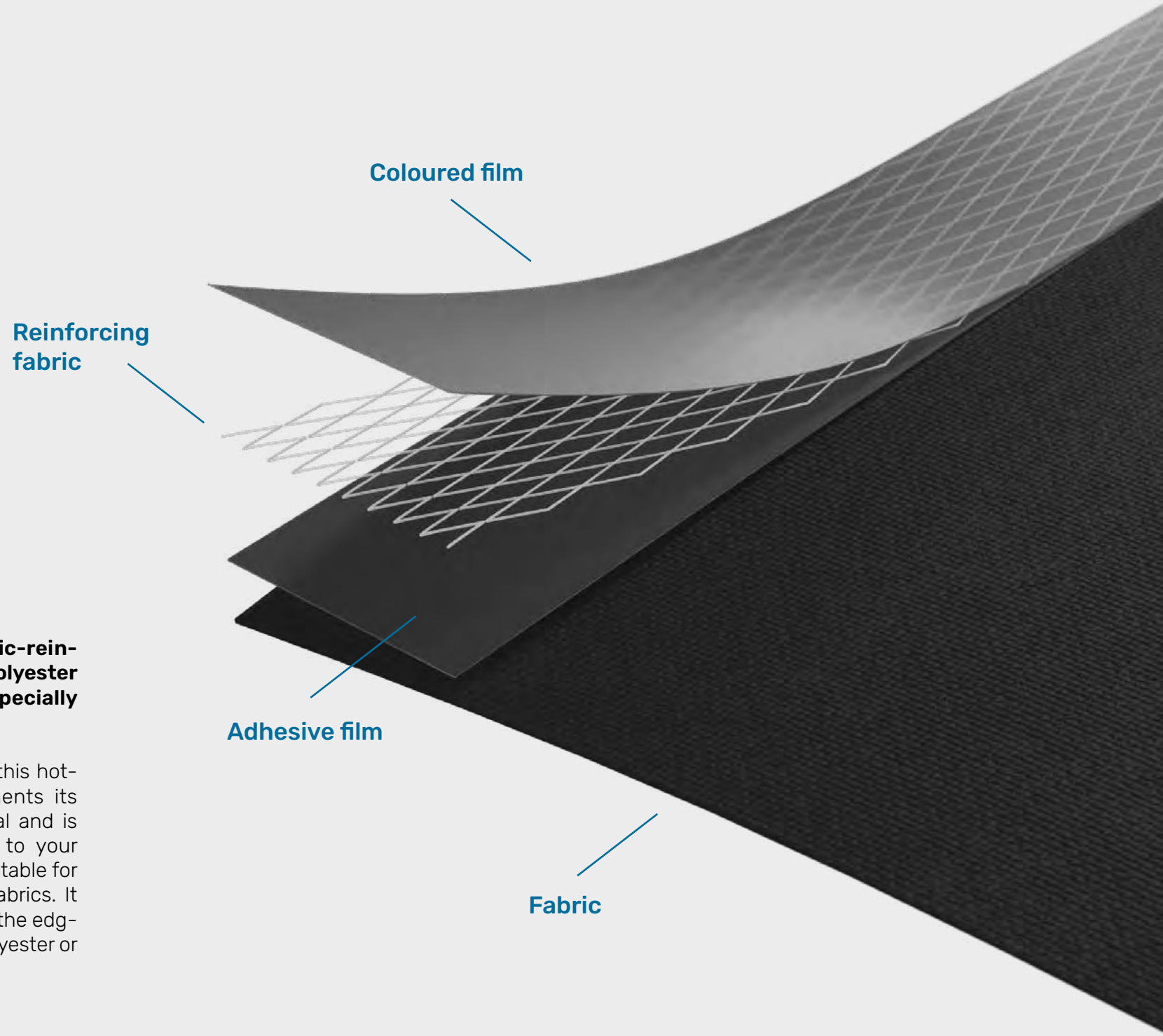
- Conservatory awnings
- Large-sized awning fabrics
- Conventional awnings and replacement fabrics

- 10 mm tape width
- 18 mm tape width
- 22 mm tape width
- Other widths available on request

VB

The VB is a monofilament fabric-reinforced adhesive film made of polyester polymers that we developed specially for reinforcing fabric edges.

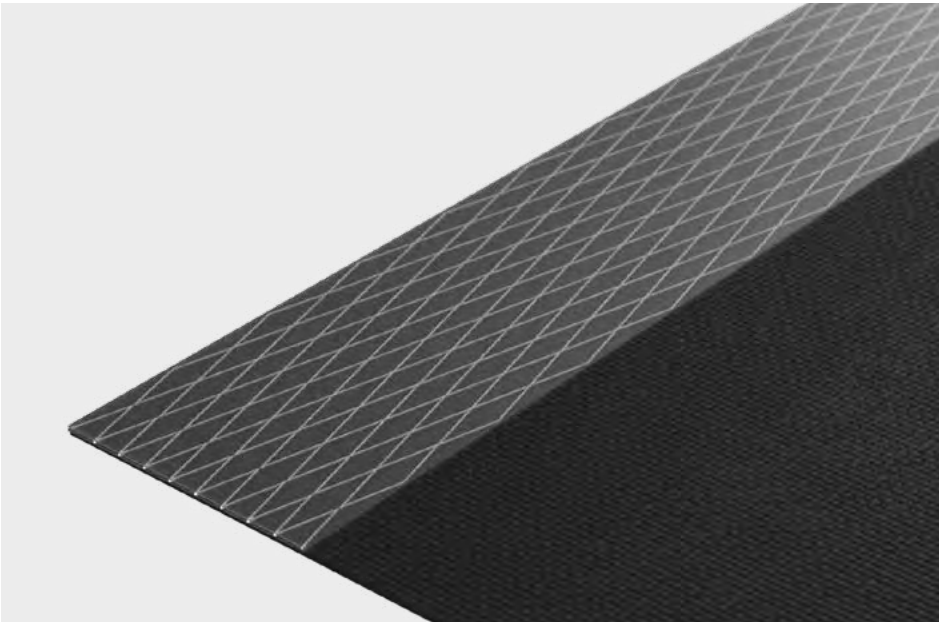
The optional possibility to colour this hotmelt tape additionally complements its function with an aesthetic appeal and is individually designed according to your wishes. Our VB hotmelt tape is suitable for all common polyester and PVC fabrics. It can be used to reinforce and seal the edges of materials such as acrylic, polyester or PVC privacy screen fabric.



- Edge reinforcement to prevent tearing and damage.
- Easy to process.
- No fabric thickening.
- Better elastic recovery and more seam stretch than conventionally produced edge reinforcements.

- Screen fabrics
- Sunscreen fabrics
- Roller blinds
- Interior sun protection
- Blackouts

- Black (RAL 9017)
- White (RAL 9016)
- Light Grey (RAL 7005)
- Dark Grey (RAL 7016)
- Blue (RAL 5013)

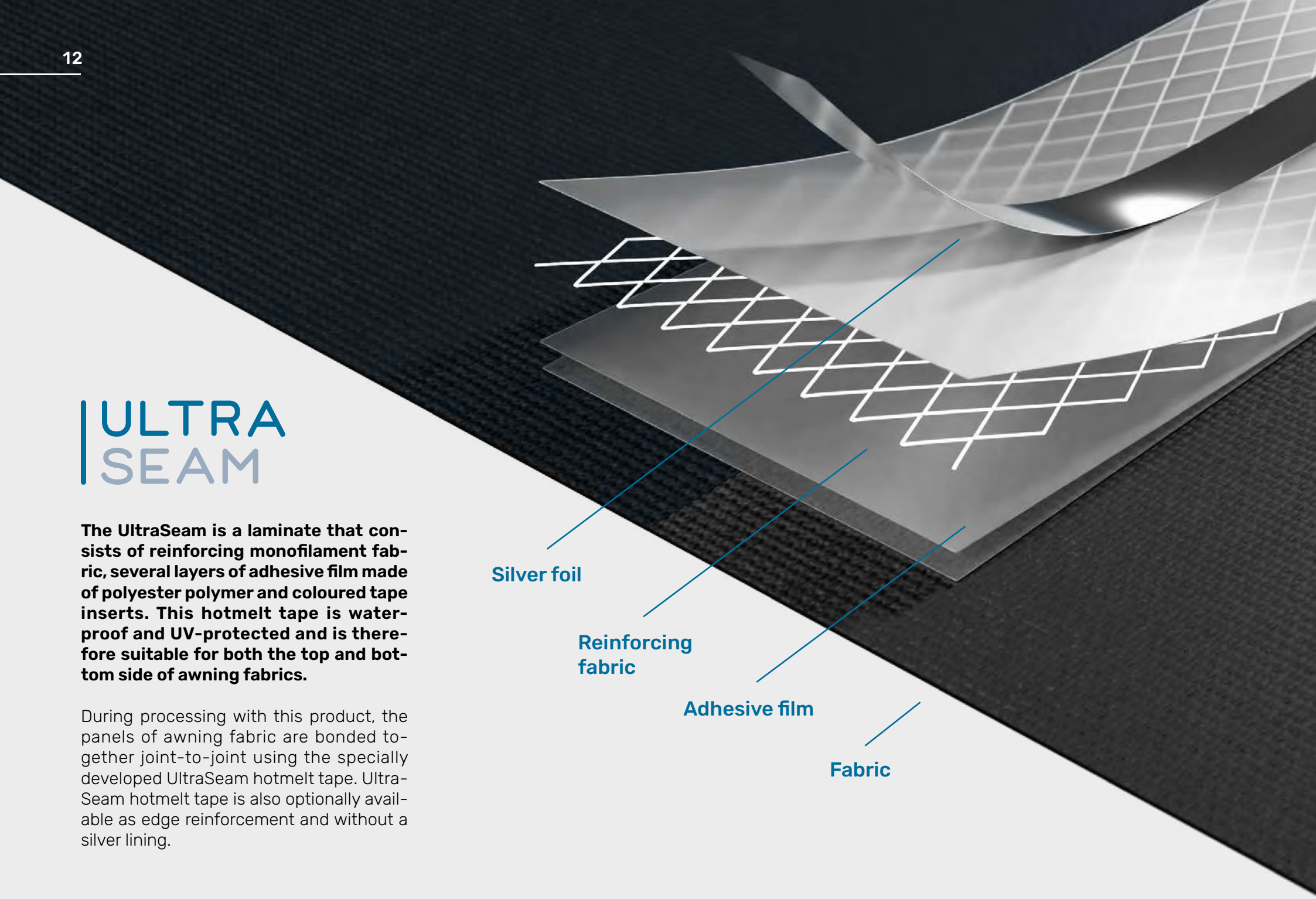


VB Colored in all colours available

ULTRA SEAM

The UltraSeam is a laminate that consists of reinforcing monofilament fabric, several layers of adhesive film made of polyester polymer and coloured tape inserts. This hotmelt tape is waterproof and UV-protected and is therefore suitable for both the top and bottom side of awning fabrics.

During processing with this product, the panels of awning fabric are bonded together joint-to-joint using the specially developed UltraSeam hotmelt tape. UltraSeam hotmelt tape is also optionally available as edge reinforcement and without a silver lining.

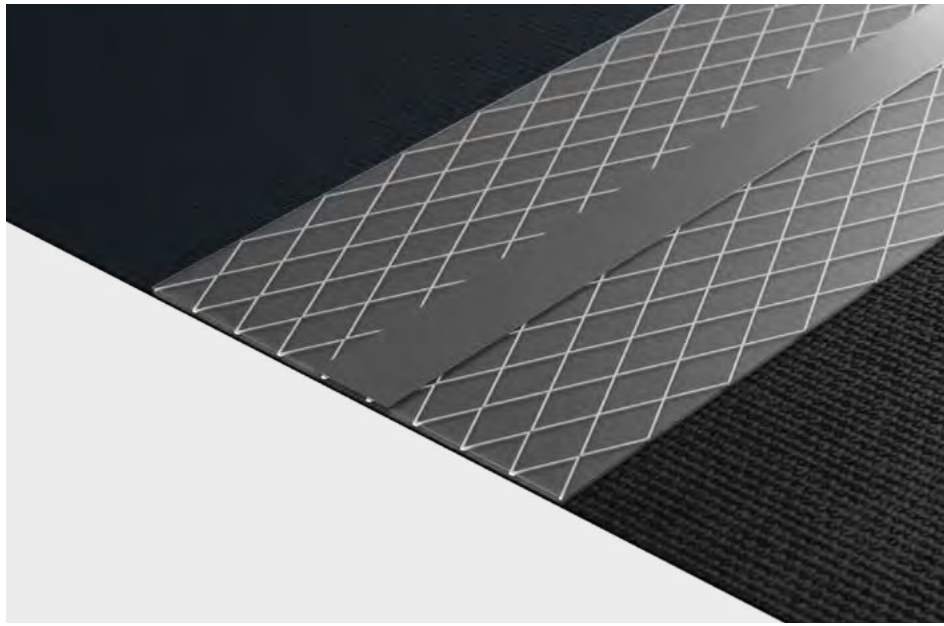


- No ply jumps at the joining points like those occurring during conventional overlapping production.
- Minimal thickening at the fabric joints.
- Minimised creasing caused by winding, compression and elongation.
- Adapts well to the elongation and recovery of the awning fabric.

- Joint-to-joint bonding of panels of fabric during the production of awnings and sunscreen fabrics.

- Available in all colours.
- Translucent natural edge tape to stabilise the awning fabric without a silver lining.
- Transparent seam tape with silver centre lining for joining individual panels of awning fabric.
- 21 mm tape width
- Additional UV protection thanks to an additional layer of resin.

Further information can be found at www.UltraSeam.de

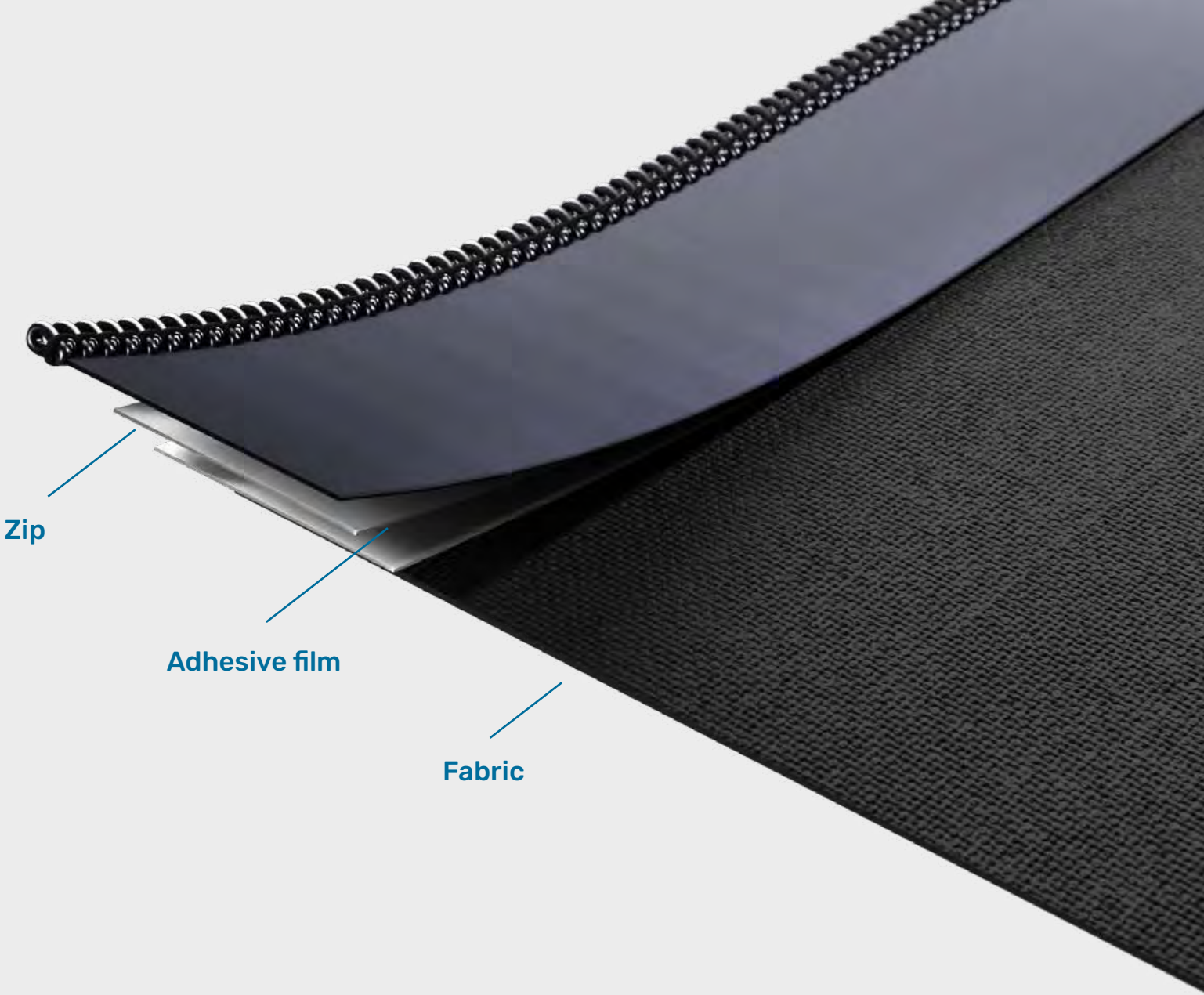


UltraSeam Colored in all colours available

GTZIP

The GtZip is a polyester zip that can be individually coated with different adhesive films exactly to your special requirements. One zip, countless variations!

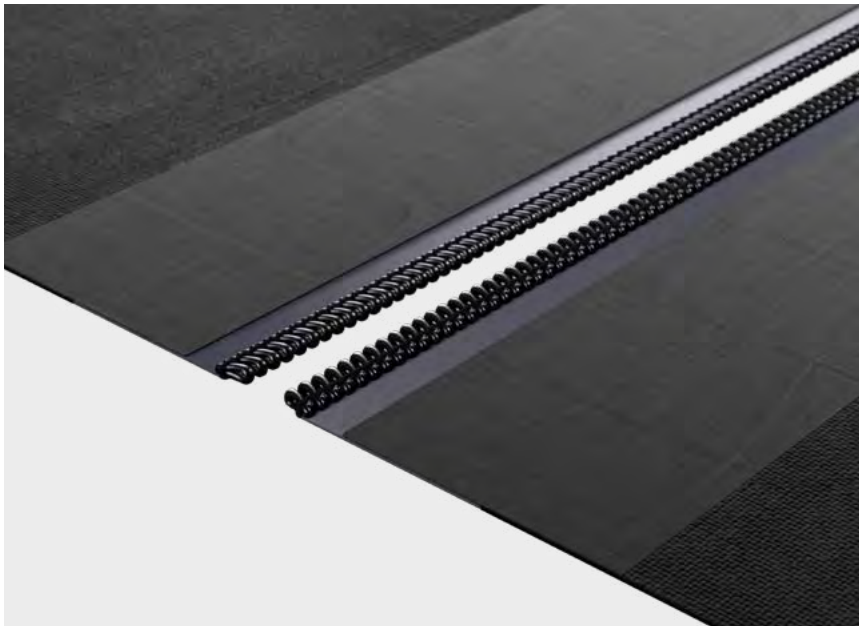
The GtZip was specially developed for WinStaTex outdoor sun protection systems, i.e. for wind-resistant textiles. It is available with various adhesive film coatings such as polyurethane, polyester or polyamide. The GtZip is used on the vertical outer edges of the fabric. Here, it is inserted into a profile rail as a guiding aid and thus ensures that the fabric runs smoothly continuously over the entire height.



- Vertical awnings
- Roller blinds
- Zip screens

- Black (RAL 9017)
- White (RAL 9016)
- Grey (RAL 7005)
- Blue (RAL 5013)
- 16 mm tape width / 2.62 mm and 1.8 mm spiral size
- 21 mm tape width / 2.62 mm spiral size

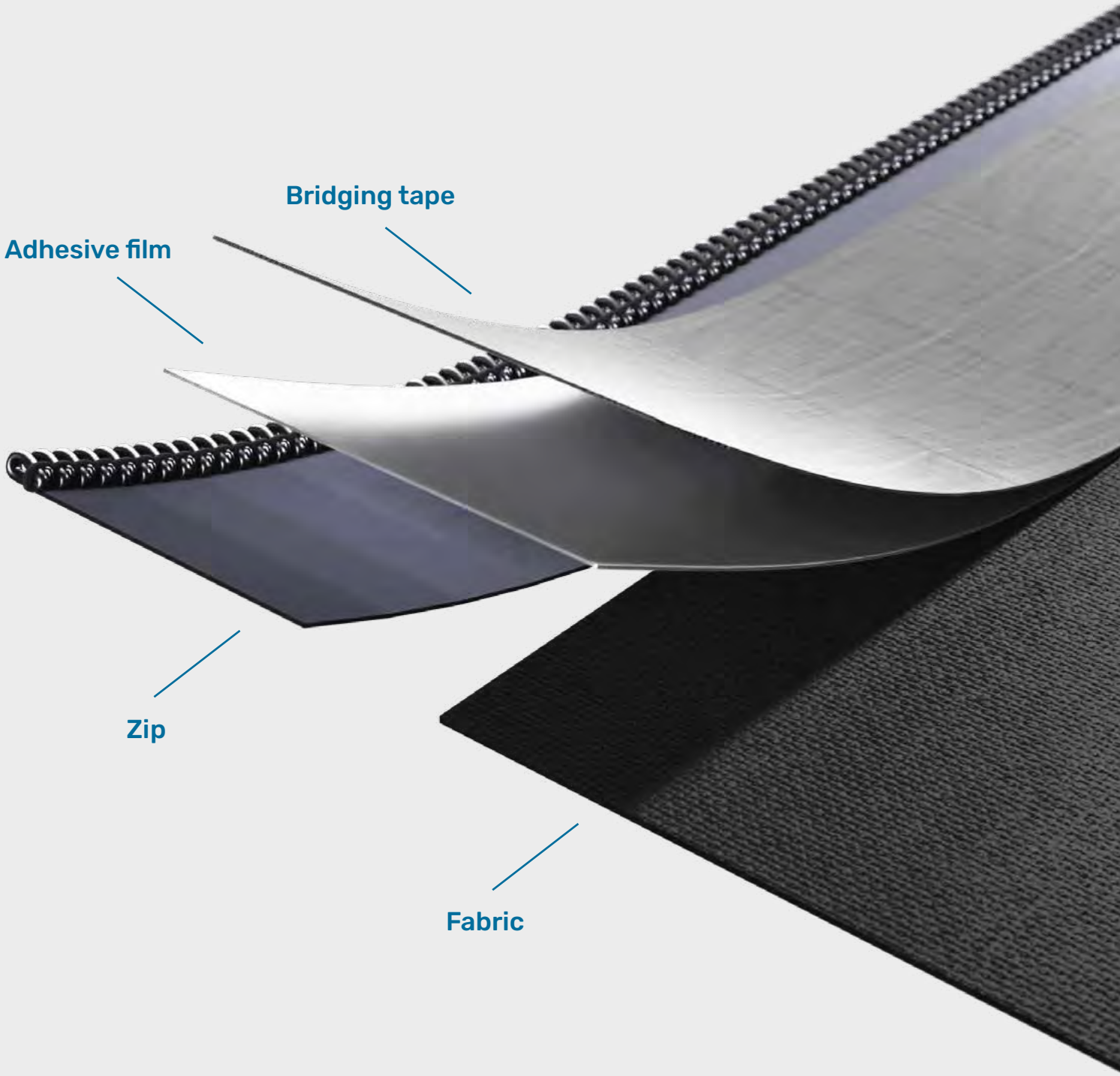
- Ready for gluing – already wound onto bobbins ready for processing – available in left and/or right versions.
- Thanks to its high wind resistance, the fabric does not crease or tear.
- Sunlight, heat and insects don’t stand a change, because everything is seamlessly joined together.
- Silent thanks to stable fastening.
- Various adhesive film coatings.

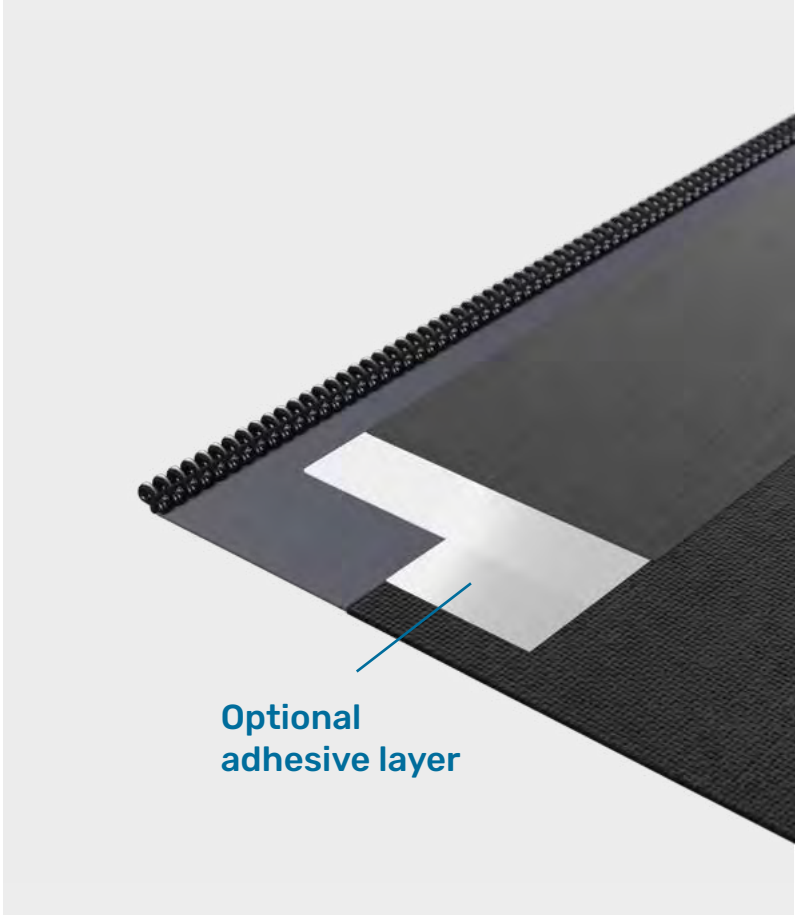


ULTRA ZIP

The UltraZip consists of a GtZip, i.e. a polyester zip and a bridging tape adhesive film. The bridging tape forms the connection between the zip and the fabric. The UltraZip is ideal for textiles that are guided laterally.

The UltraZip evenly stabilises laterally guided textiles to reduce the effect of the wind. In addition, our UltraSeam technology keeps the winding diameter and fabric compaction in the joining area to a minimum, as the UltraZip combines all the positive properties of the GtZip with our UltraSeam technology.

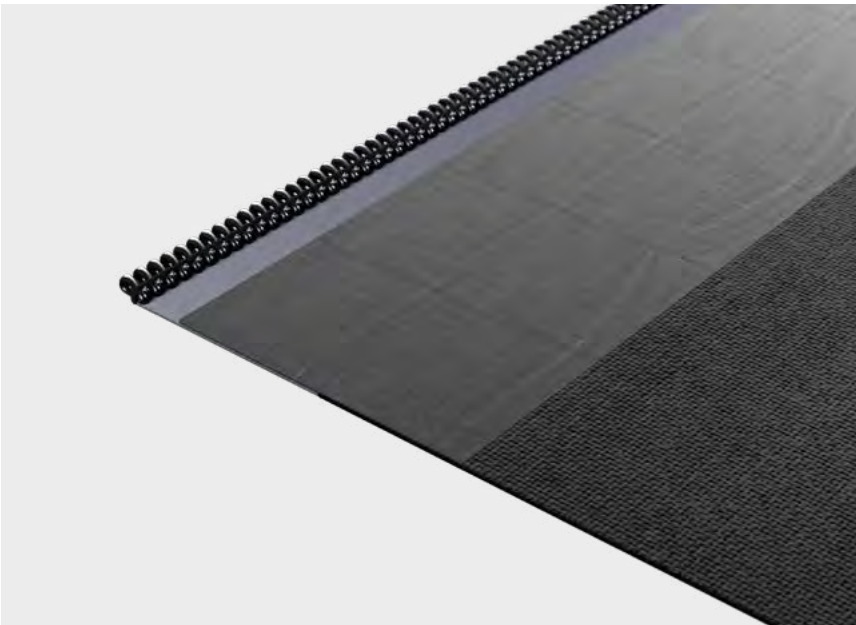




- Exterior and interior hangings.
- Laterally guided hangings.
- Acrylic, screens, Soltis and many other coated fabrics.

- Black (RAL 9017)
- White (RAL 9016)
- Grey (RAL 7005)
- Blue (RAL 5013)

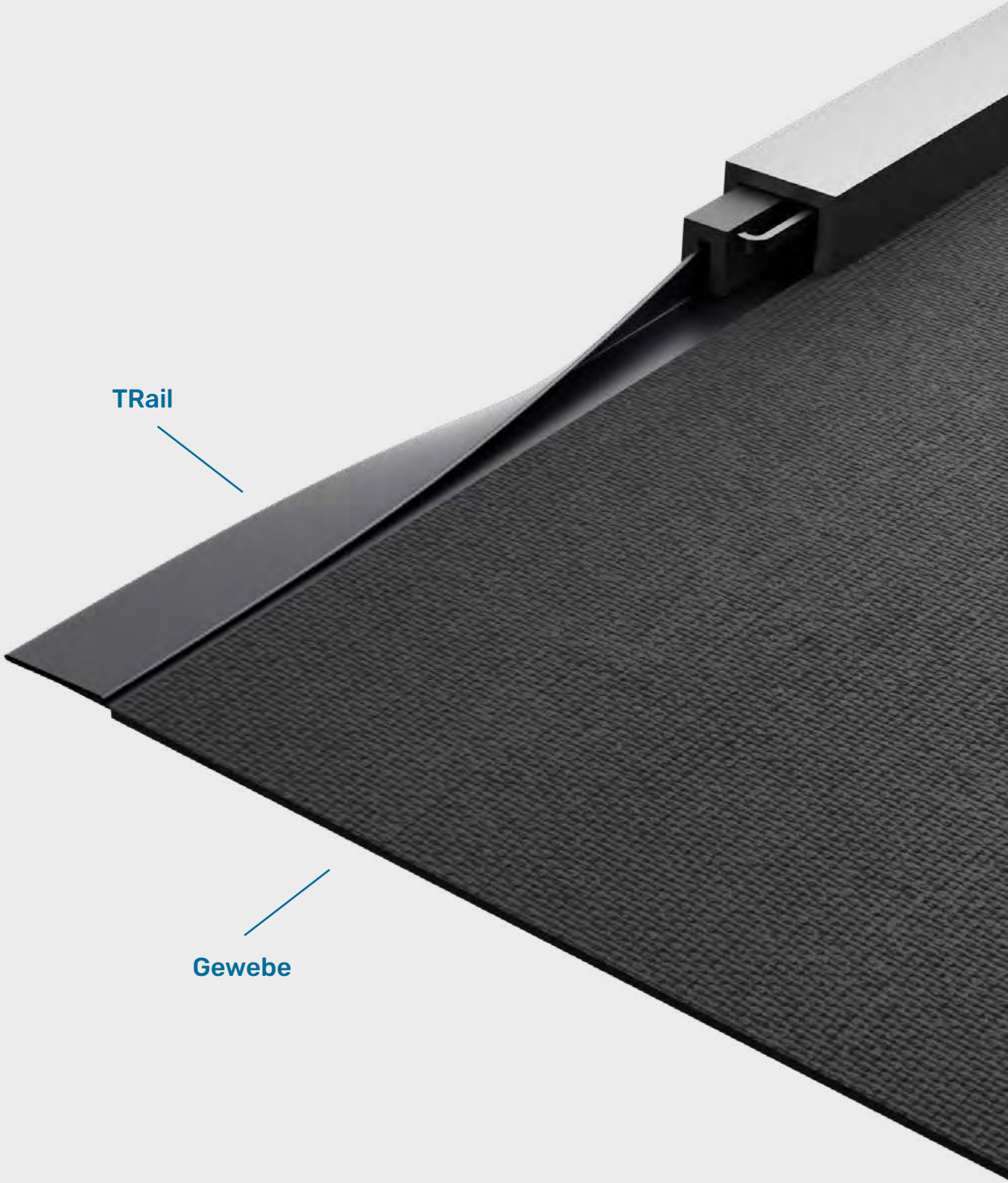
- Minimal thickening at the joint between the zip and the fabric.
- Minimised wrinkles.
- Ready for gluing – already wound onto bobbins ready for processing.
- Various adhesive coatings.
- No fabric compaction in the joining area.



TRAIL

TRail is an innovation for all side-seamed textiles!

With our TRail, we create a clean and even winding of the fabric without thickening at the edges and even without having to set down the fabric tube. The TRail changes its shape and always adapts to its task. When wound onto the fabric shaft, the TRail is as flat as the fabric. When it is unwound, the flag of the TRail is set up in a T-shape via a guide in the side rail and then provides the necessary lateral support for the textile in the inlet.



- External and internal sun shading
- Side seam guided textiles:
  - Vertical or window awnings
  - Conservatory awnings
  - Roller blinds
- Suitable for typical technical textiles from the sun protection sector, e.g: PVC-coated fabrics (Screen, Soltis, etc.) and PVC-free fabrics (Twilight, Starscreen, etc.)
- Insect screens

- black (RAL9017)
- gray (RAL7005)
- dark blue (RAL5013)
- variable colors on request

- No thickening at the connection TRail to fabric.
- Homogeneous winding.
- Ready for gluing – already wound on spools ready for processing.
- Significantly smaller systems can be realized.
- Reduction of wrinkle formation.

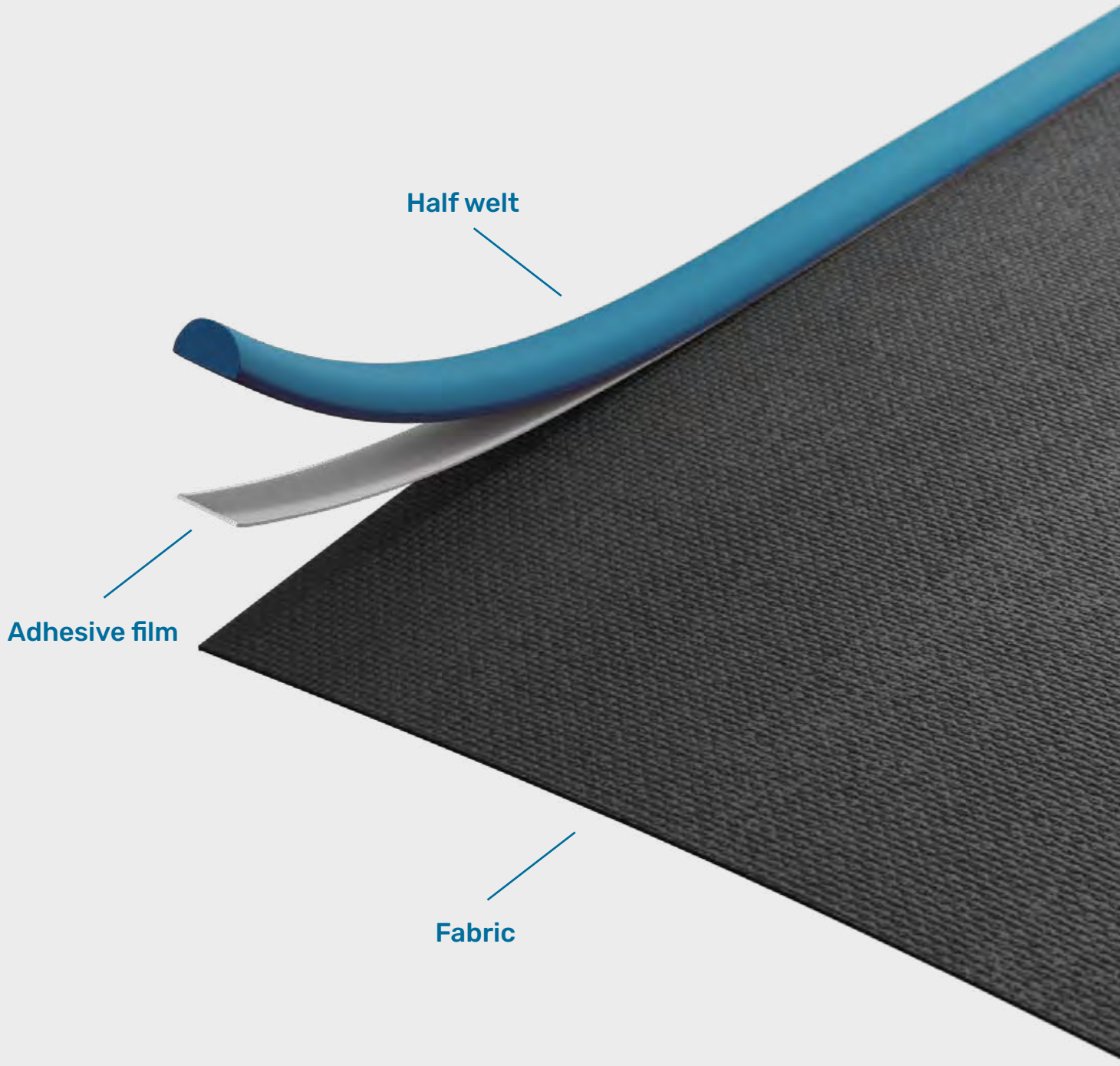
NONVI ECO G

The invisible and innovative half welt in the area of textile sun protection. Here, the flagless welt is friction-locked with the fabric and replaces the customary hemstitch seam into which the welt must be additionally inserted.

With traditionally sewn awnings, small leaks occur at the fold due to the perforation of the needle. This is completely different with the NonVi Eco^{g}: here, the welt lies in the welt rail and possible leaks have no effect. The welt is bonded along the edge of the fabric. The friction-locked connection disappears completely in the welt groove of the fabric shaft and/or in the existing profile and ensures a seamless appearance without ply jumps.

The NonVi Eco^{g} is made of soft PVC that can be coated according to customer requirements. It is available in various sizes and can be adapted to the respective profile.

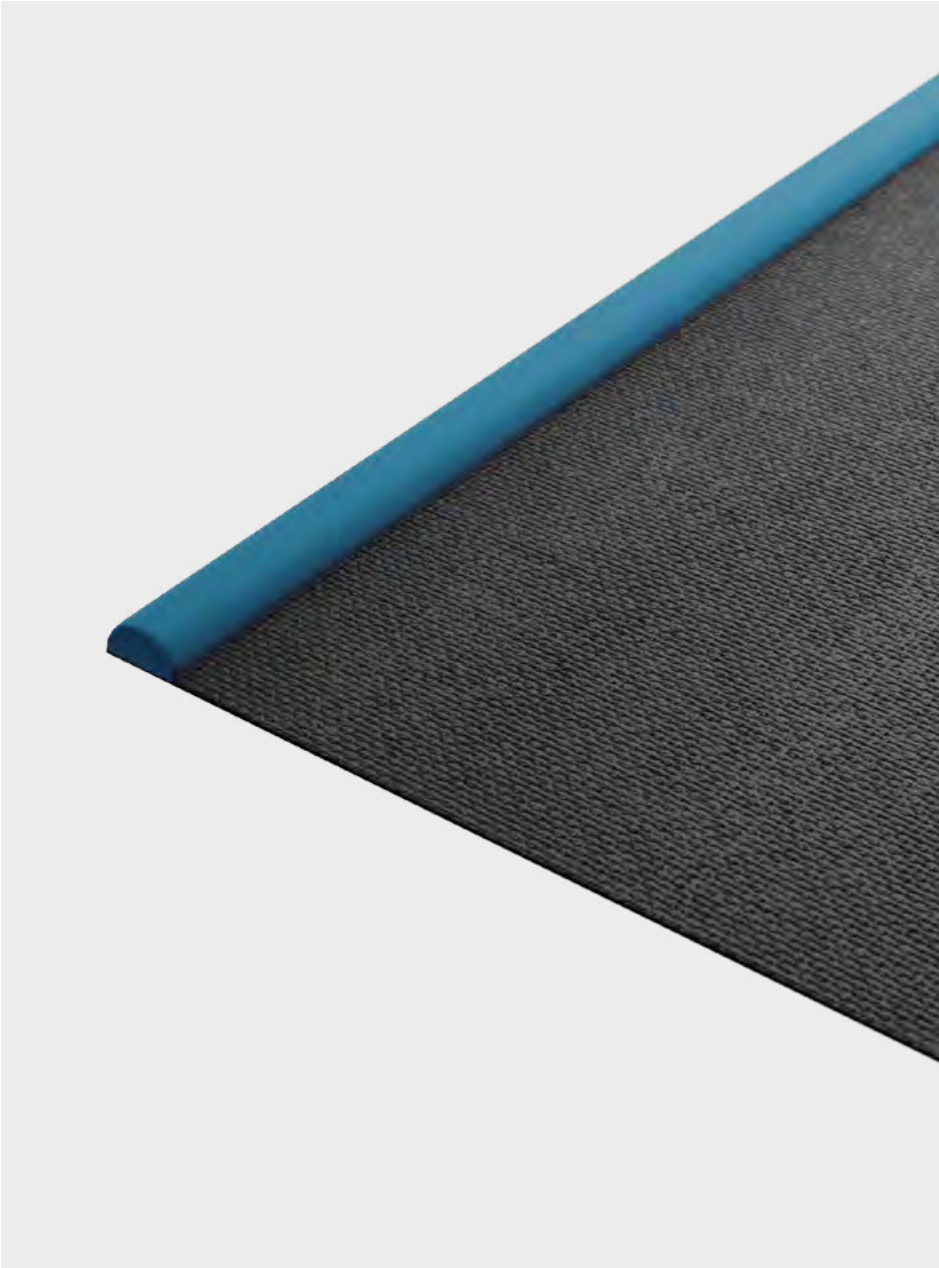
The NonVi Eco^{g} and the NonVi Eco^{s} that we present on page 19 have identical properties. They only differ in terms of the processing.



- The continuous connection between the NonVi Eco^{g} and the fabric ensures tension along the entire length of the fabric and thus prevents the formation of waves.
- By dispensing with the traditional fabric fold, the NonVi Eco^{g} saves material.
- The seamless transition into the profile ensures a highly appealing appearance.
- Even in transmitted light, there is no optical interference due to seams or double plies of material.
- Significantly easier handling during assembly as well as time and space-saving installation.
- The welt is bonded directly with the fabric edge to form a friction-locked unit with no further material used.

- Textile sun protection
- Display systems
- Interior and exterior sun protection
- Acrylic, screens, Soltis and other coated fabrics.

- 4, 6, 7, 8 mm welt width
- Other sizes available on request
- Without groove with adhesive film for joining with acrylic/polyester.
- Without groove with adhesive film for joining with PVC.

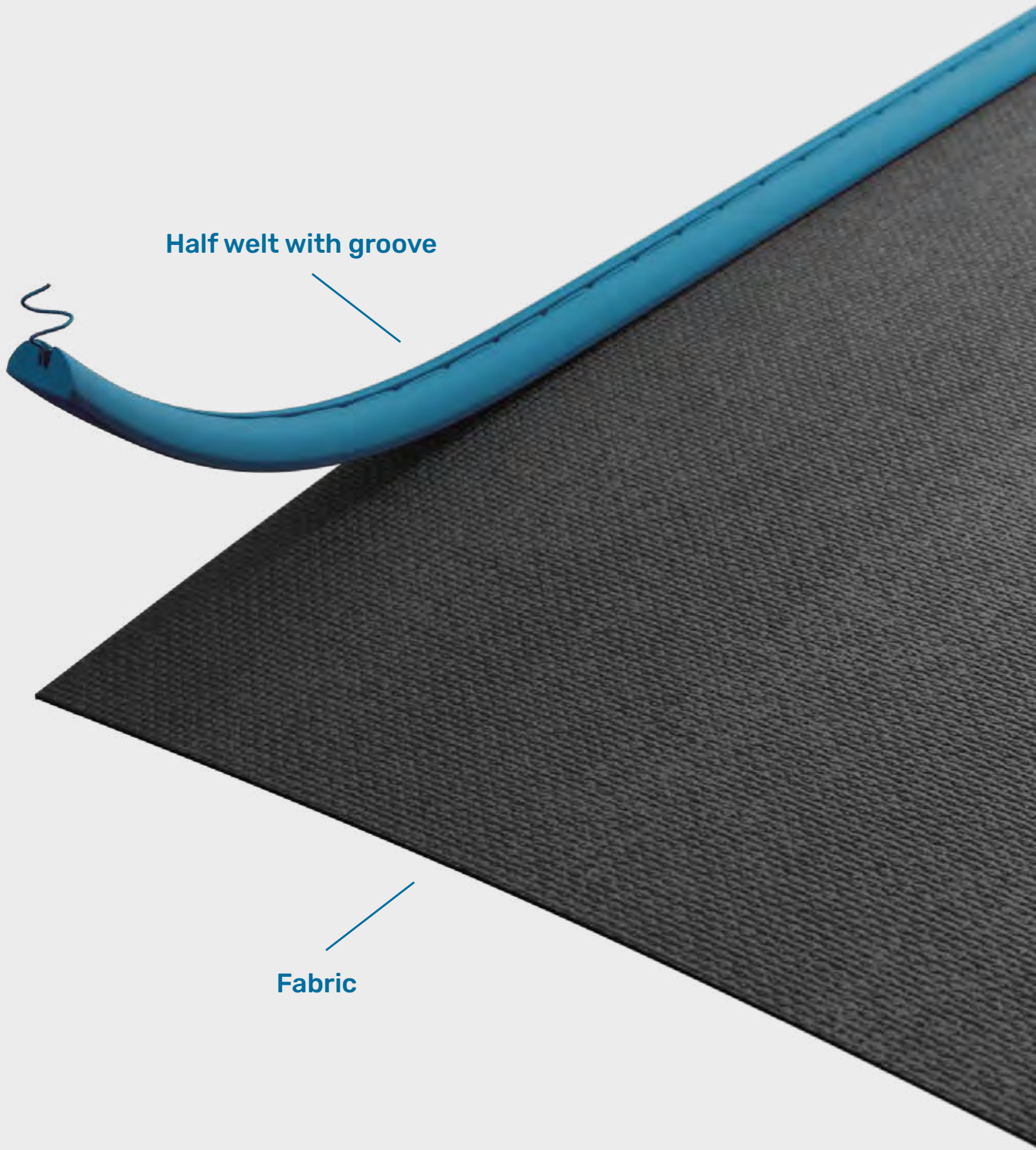


NONVI ECOS

The invisible and innovative welt seam in the area of textile sun protection. The welt is usually loosely inserted into the hemstitch seam. This is not the case with the NonVi Eco^{s}: the flagless half welt is sewn directly onto the edge of the fabric. The welt lies in the welt rail and possible leaks have no effect.

The now friction-locked connection disappears completely in the welt groove of the fabric shaft and/or in the existing profile and thus ensures a seamless appearance without ply jumps. The NonVi Eco^{s} features a specially developed groove in which the thread lies in order to protect it against mechanical abrasion and other damage. This results in a lasting and strong connection between the welt and the fabric.

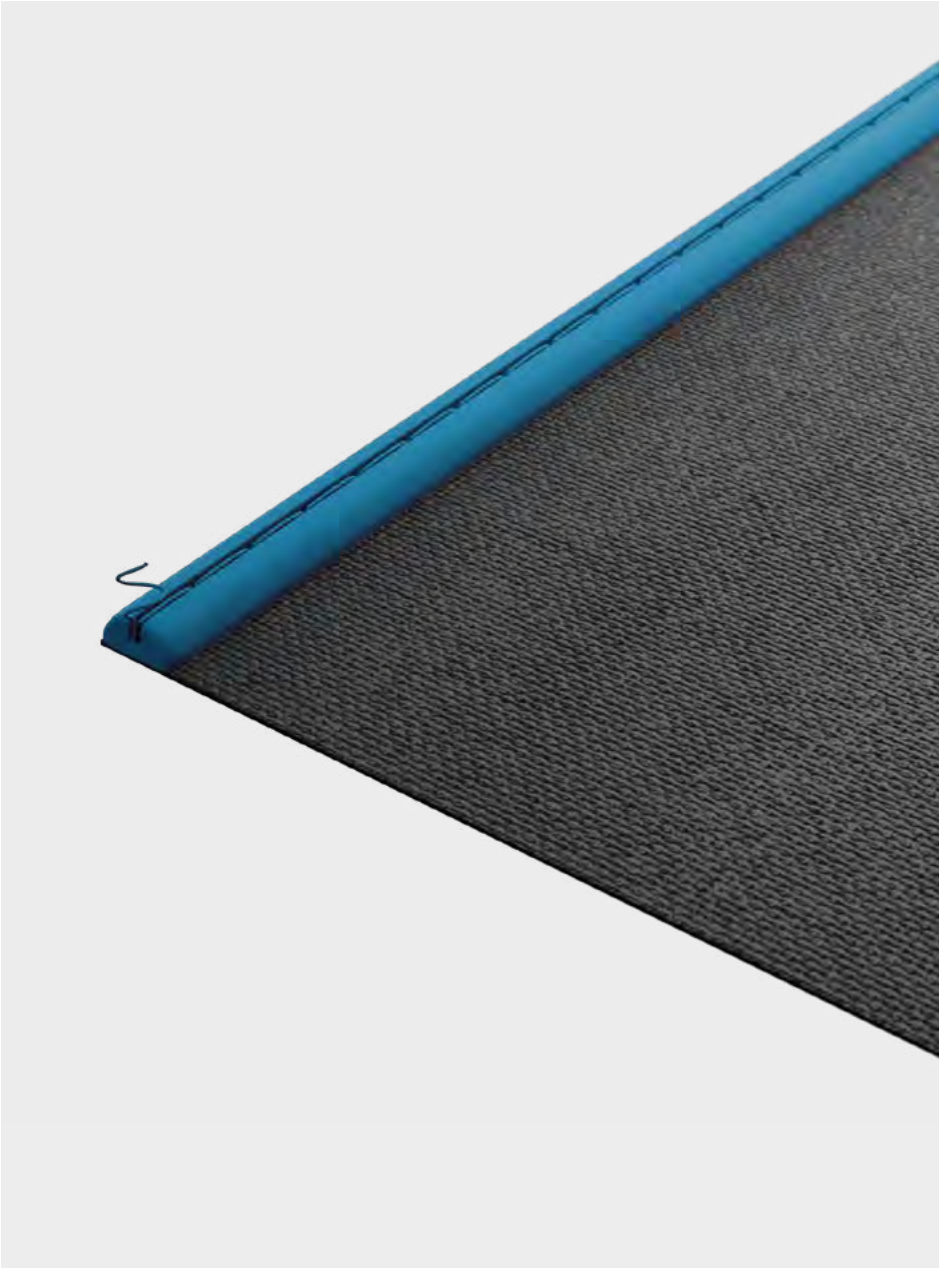
The NonVi Eco^{s} consists of a PVC half welt with a groove. It is available in various sizes and can be adapted to the respective profile. By contrast, the NonVi Eco^{g} is a bonded welt without a groove. Both products have identical properties and only differ in terms of the processing.



- The continuous connection between the NonVi Eco^{s} and the fabric ensures tension along the entire length of the fabric and thus prevents the formation of waves.
- By dispensing with the traditional fabric fold, the NonVi Eco^{s} saves material.
- The seamless transition into the profile creates an appealing appearance.
- Even in transmitted light, there is no optical interference due to seams or double plies of material.
- The welt is bonded directly with the fabric edge to form a friction-locked unit with no further material used.

- Textile sun protection
- Display systems
- Interior and exterior sun protection
- Acrylic, screens, Soltis and other coated fabrics.
- Sewn with a groove without adhesive film/ welded without a groove with adhesive film.

- 4, 6, 7, 8 mm welt width
- Other sizes available on request
- With groove without adhesive film for sewing.

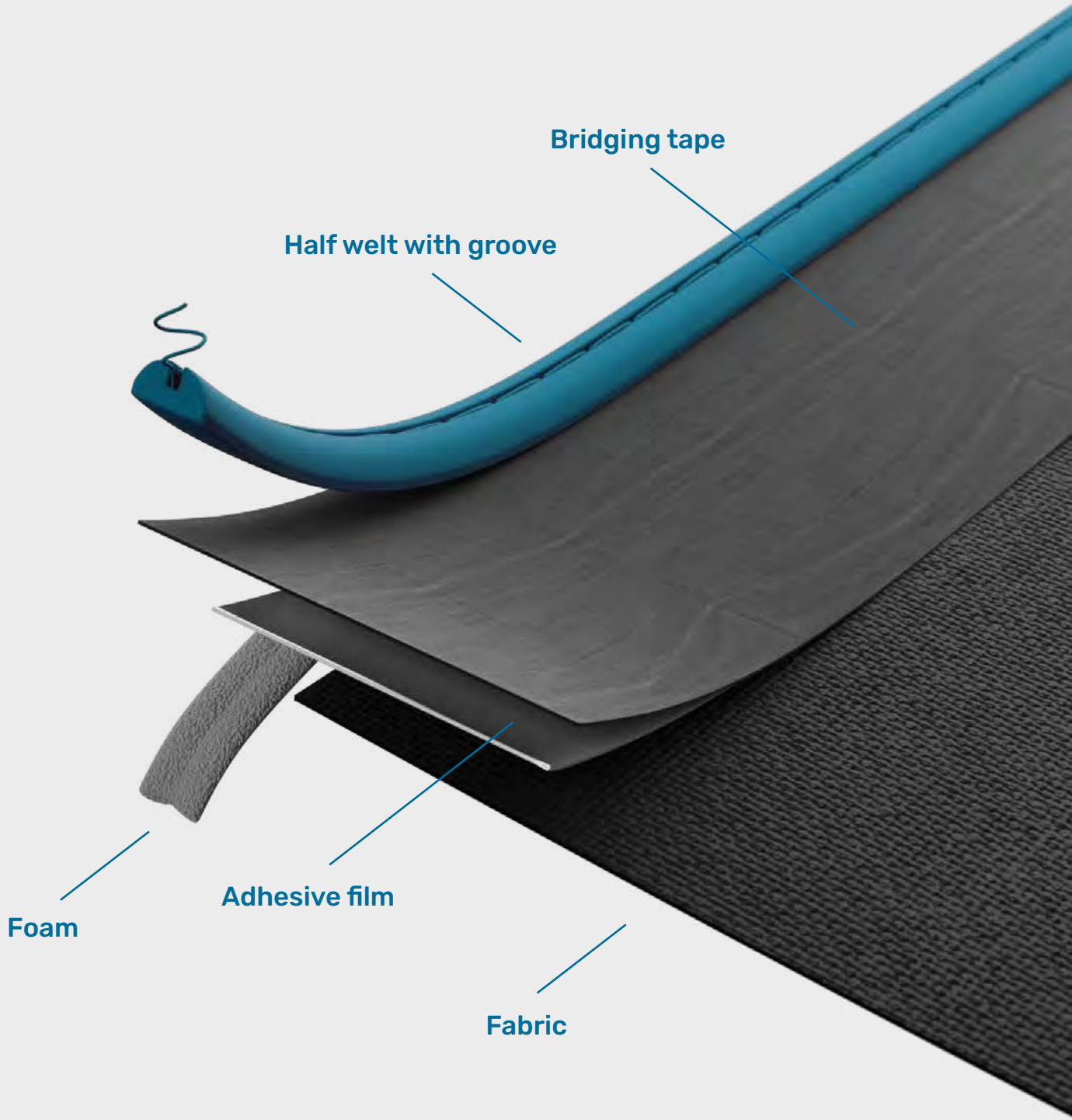


NONVI FLEX

The NonVi Flex is a composite consisting of a profile half welt with a hotmelt-coated fabric tape and a foam profile. During application, the fabric tape is bonded with the fabric edge of the hanging. Depending on the material, this can be carried out using bonding or sewing technology.

The flexible foam element enables simple, time and above all space-saving installation. The NonVi Flex does not have to be inserted longitudinally, rather it can be pushed directly into the groove in the fabric shaft from the wide side. The foam element produces a clamping effect in the fabric shaft, which is an enormous advantage, especially when replacing the fabric or performing an overhead installation.

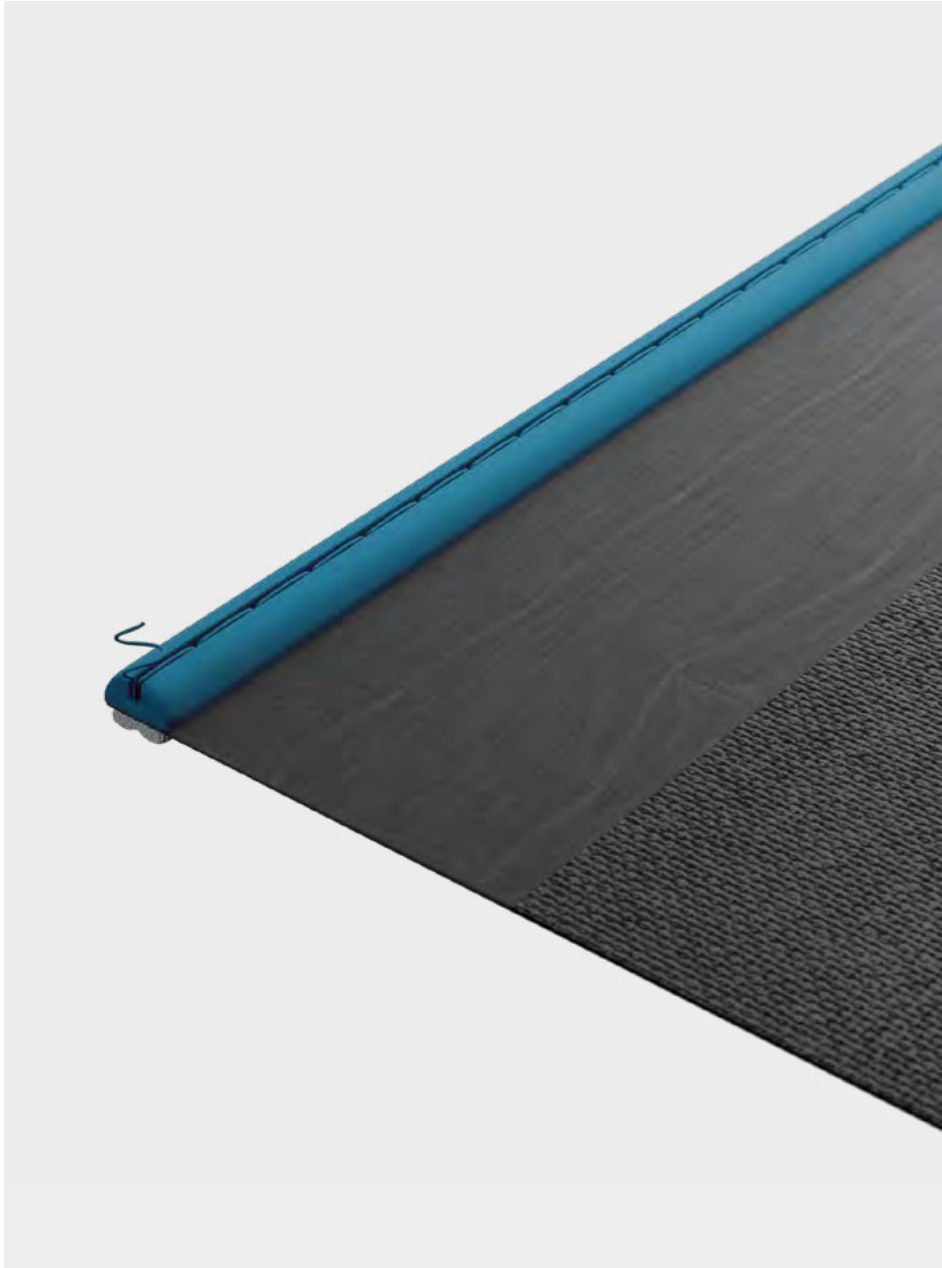
Applications include connections between textiles and fabric shafts of all kinds. Processing can be carried out using ultrasonic or sewing technology, hot air, hot wedge, high frequency or thermal impulse.



- Extremely easy processing with traditional machines.
- Because the NonVi Flex is joined directly with the fabric edge, which is then completely inserted into the profile, it ensures a seamless transition from the fabric to the profile. This creates an appealing appearance without shadowing due to double plies of fabric.
- It is available in various sizes and suitable for virtually any profile.
- By dispensing with the traditional fabric fold, the NonVi Flex saves material.

- Fabric shaft side of textile sun protection and other hangings.
- Interior and exterior sun protection
- Acrylic, polyester, screens, Soltis and other coated fabrics.
- Bonded or sewn onto the fabric edge.

- 4, 6, 7, 8 mm diameters
- Other sizes available on request
- With adhesive film for joining with acrylic/polyester
- With adhesive film for joining with PVC

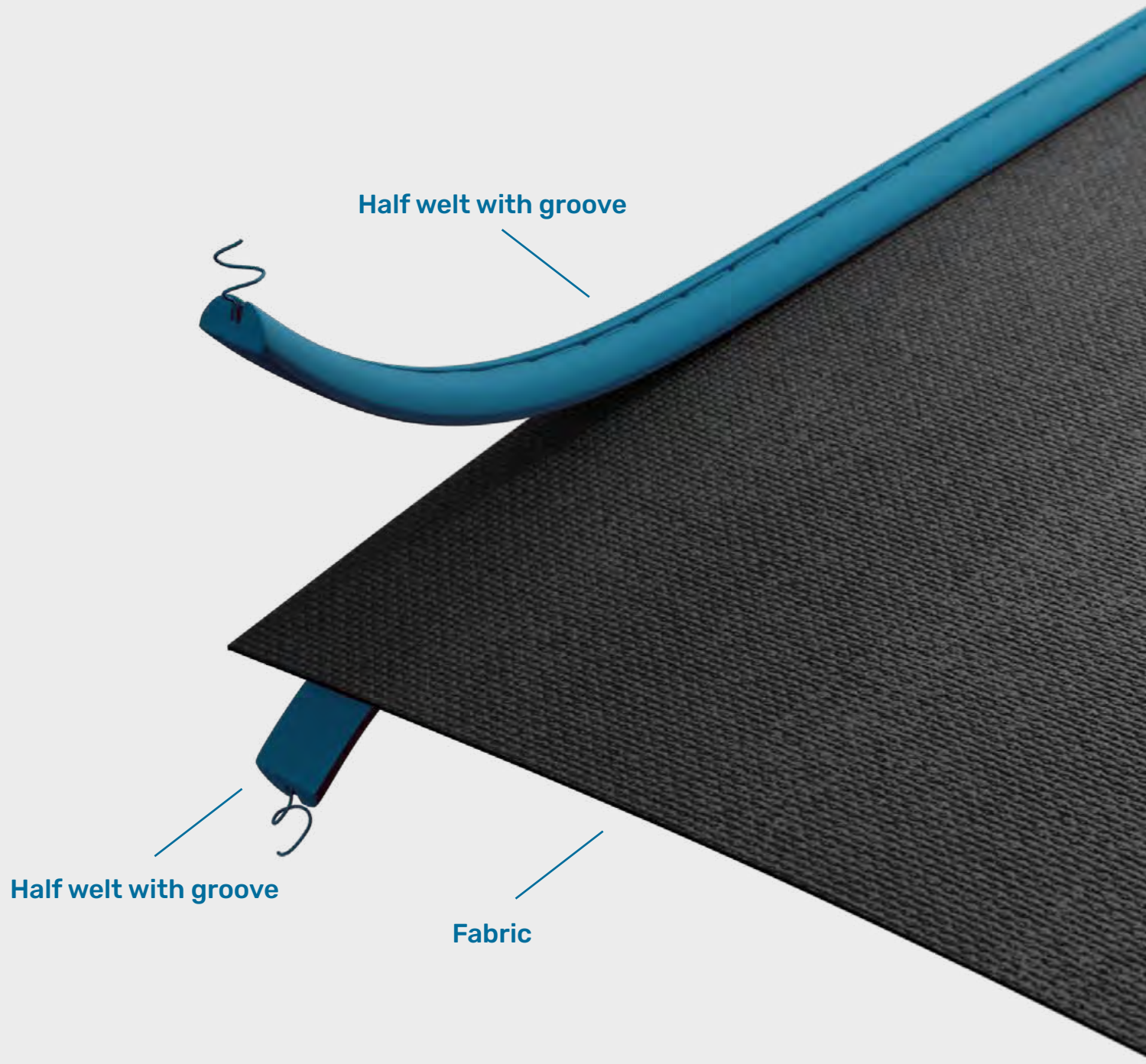


NONVI TWIN

The invisible and innovative welt seam in the area of textile sun protection. The NonVi Twin consists of two half welts with a groove. The fabric is fed between the welt halves and sewn.

The NonVi Twin is highly flexible and can be used both on the fabric shaft side and in the front profile, depending on the application.

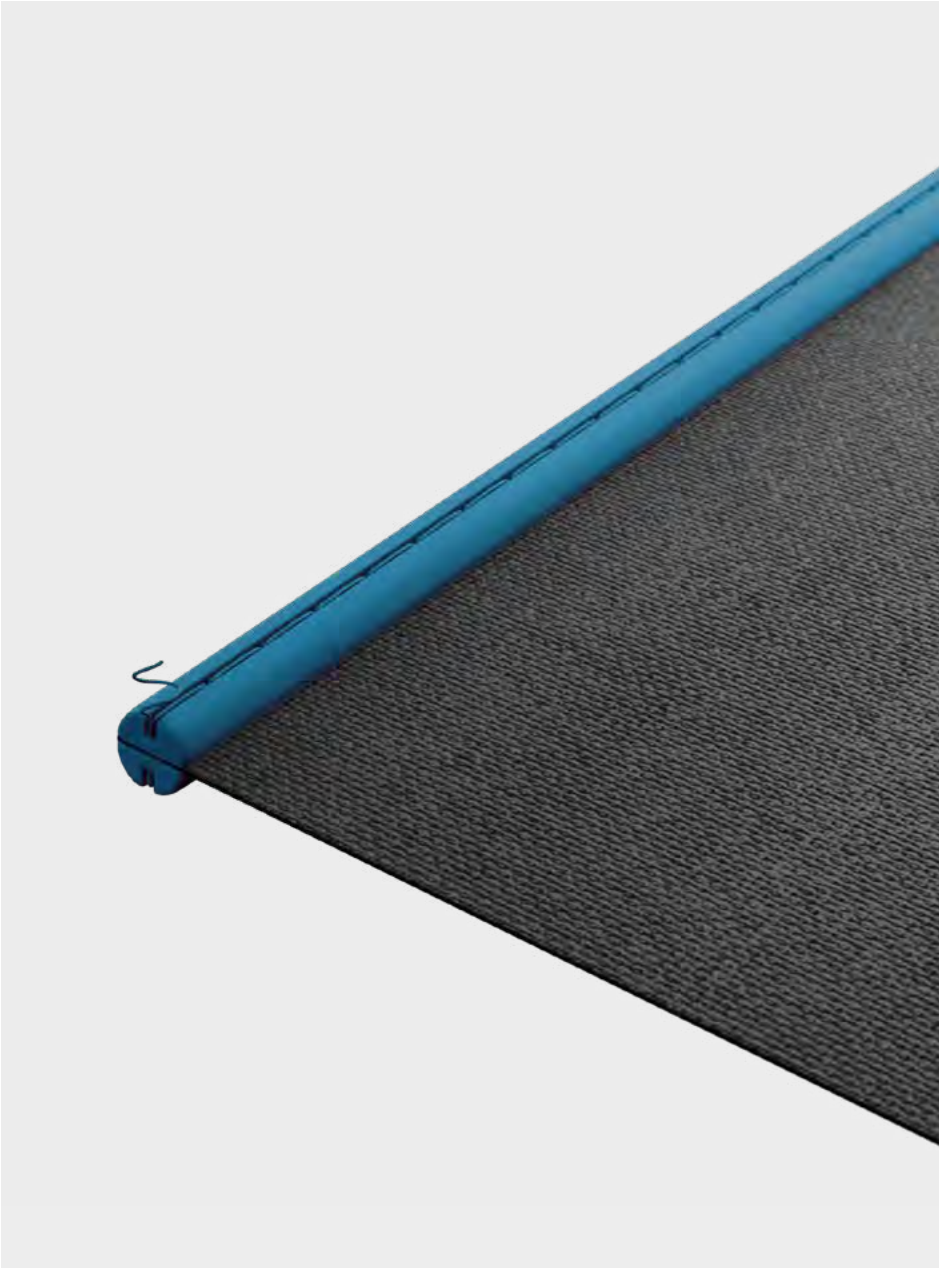
The defined fabric tension over the entire width of the fabric prevents the fabric from “shrinking”. This creates a smooth transition that ensures a clean winding behaviour. Creases are also demonstrably minimised.



- Because the NonVi Twin is bonded directly with the fabric edge, which is then completely inserted into the profile, it ensures a seamless transition from the fabric to the profile. This creates an appealing appearance without shadowing due to double plies of fabric.
- Using the NonVi Twin means that the traditional fold is eliminated, thus reducing material costs.
- The welt can be optimally adapted to the welt profile as it is available in various sizes.

- Front side and fabric shaft side of textile sun protection and other hangings.
- 4-sided processing for big banners.
- Interior and exterior fabrics.
- Acrylic, screens, Soltis and other coated fabrics.
- Sewn onto fabric with groove.

- 4, 6, 7, 8 mm diameters
- Other sizes available on request
- Can be ordered in any desired colour



MYSHADE

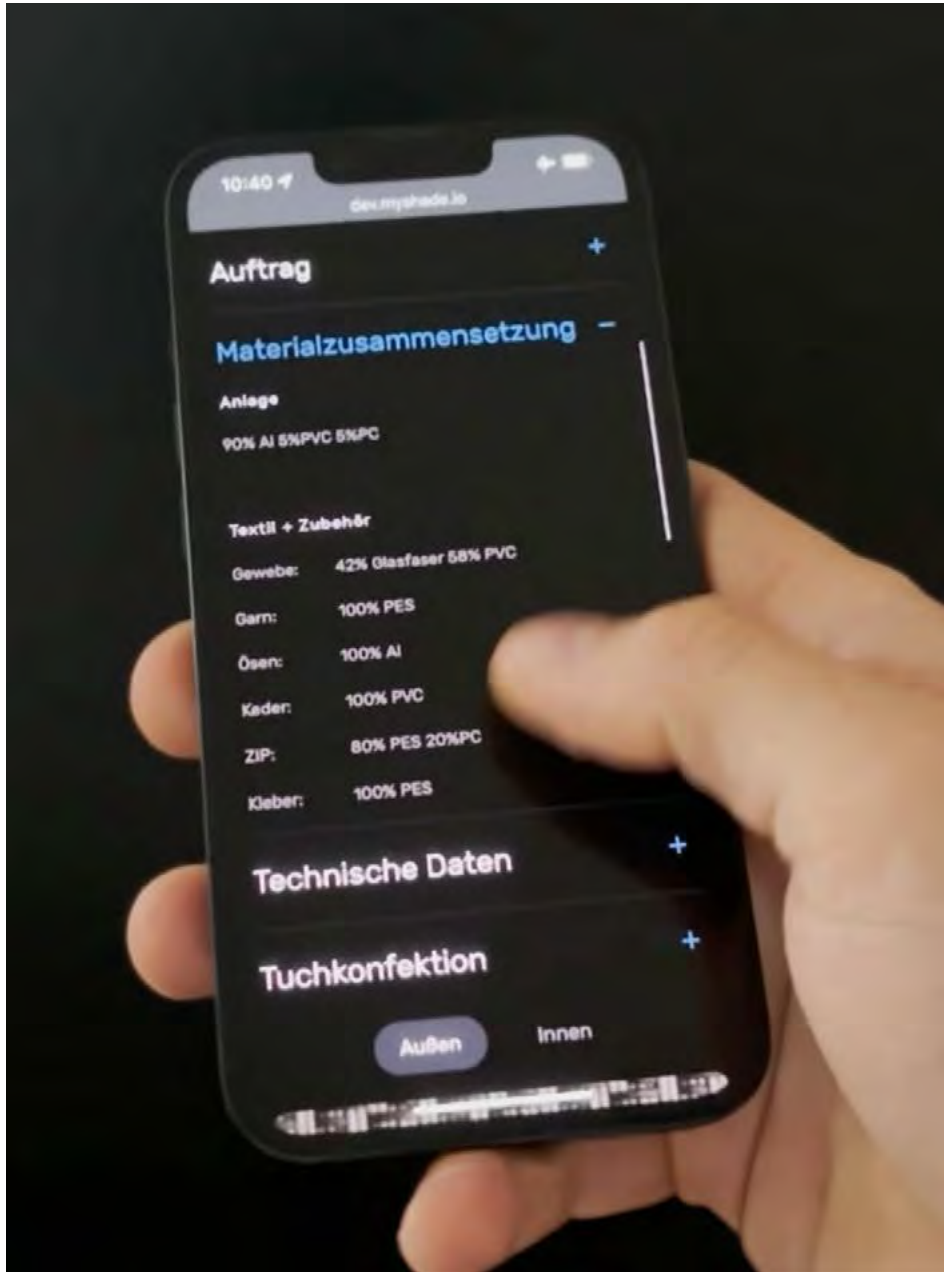
myShade, the digital product passport! With myShade, all important information is always available to the customer.

Scan the NFC chip on the textile and get immediate access to the digital product passport. The NFC chips can be attached directly to the textile or to the system. Each chip has a unique URL that links to the corresponding product website. Individual information can be securely stored in a database.

- The service for the planned new EU Ecodesign Act
- Immediate access to all product-relevant information
- Centralised data storage
- Different access levels for customers, retailers and manufacturers
- Reduction of incorrect orders
- Sustainability
- Innovation as a selling point

- All products with textile elements
- To be processed on:
  - Sewing machines
  - Ultrasonic gluing machines
  - Heat impulse machines
  - HF machines

- Main component: NFC chip + hot-melt adhesive film
- Standard size: 25mm x 25mm, other sizes on request



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