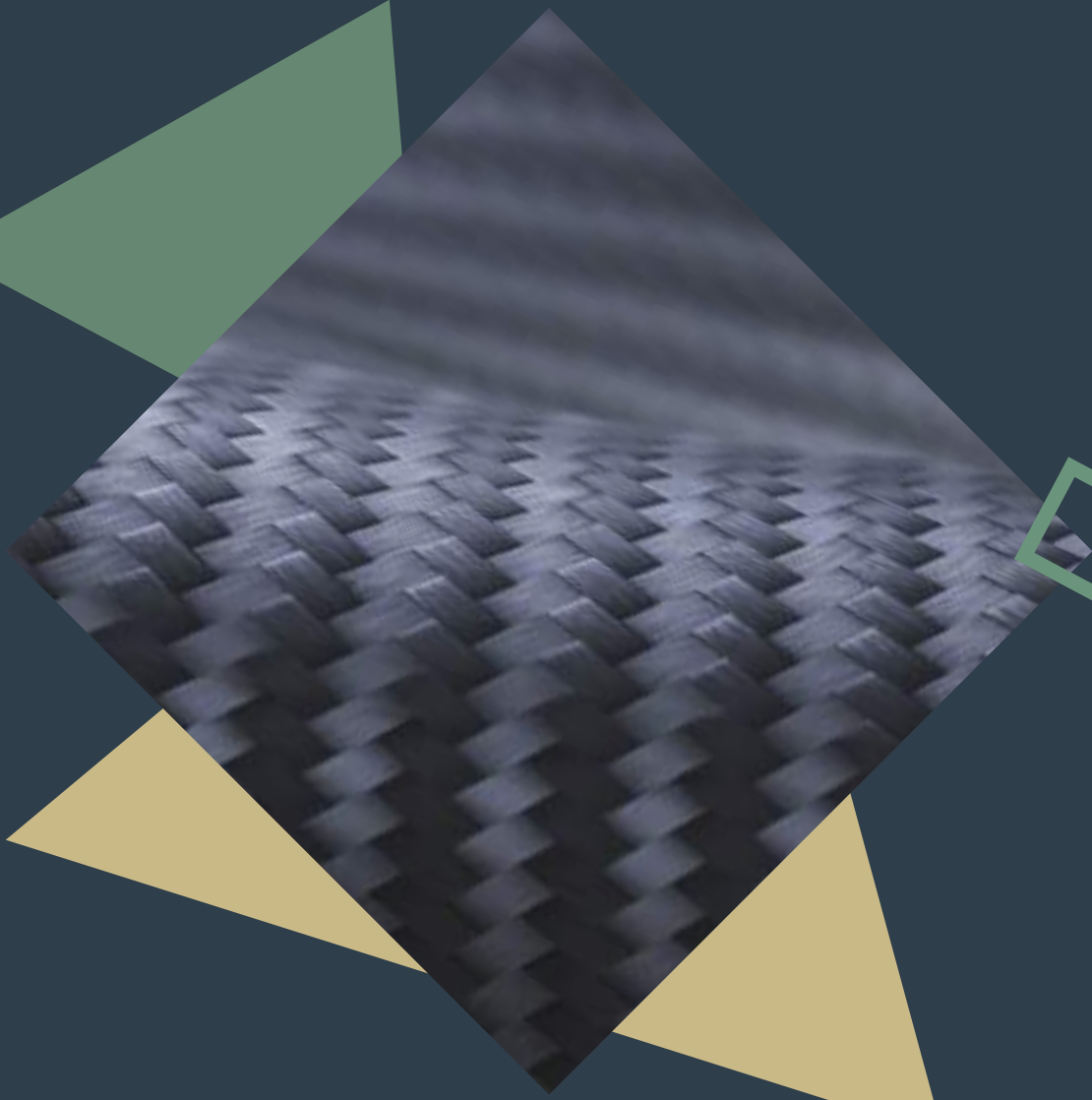


Spinteks

IN THIS WORLD THAT IS
A WONDER OF
ENGINEERING

SPINTEKS IS IN EVERY MOMENT OF LIFE...

The earth is a wonder of engineering...
with its nature, with its cycle,
with its life, with its creatures that inhabit it,
with its power and energy...
We are inspired by this world in which we live.
We work to bring engineering to life as unique as it is,
to create a world as unique as it is.
In our world;
We are as strong as trees that defy strong winds,
as beautiful as snowflakes giving life to nature,
as light as raindrops,
as resilient as the fish that defies the raging tides,
From a fishing line cast into the water,
to technology that rises above the clouds
From a car that leaves the roads behind,
to the harmony that echoes in our ears
We are present in every moment of life.

We are Spinteks,
and we are here to shape life with the inspiration we acquire from this
marvellously designed world.


A solution-oriented
textile technology company.

Spinteks, which began its innovative approach to the textile industry in 2002, commissioned production lines for carbon and hybrid woven fabrics for the aerospace, automotive, healthcare, energy, maritime and defense industries in 2010.

Spinteks, whose goals for the future focus on making a difference, has combined its technical and creative skills from day one by continuously improving its carbon woven fabric production performance, and it continues to provide high-performance solutions for many distinguished industries with its value-added products.

In its 20th year, Spinteks introduced the Carbonier brand to the construction industry with its range of durable, flexible and R&D based range of specialty products by combining its expertise in the production of composite fabrics with its cutting-edge technology in order to meet the demand in the building reinforcement and renovation sector.

In addition to the engineered fabrics that Spinteks manufactures, the company also offers supporting products such as epoxy-based reinforcement products and engineered anchors within the Carbonier brand. Spinteks continues to support the reinforcement of numerous public and private buildings, as well as the restoration projects of our country’s most important historical monuments.

OUR QUALITY POLICY

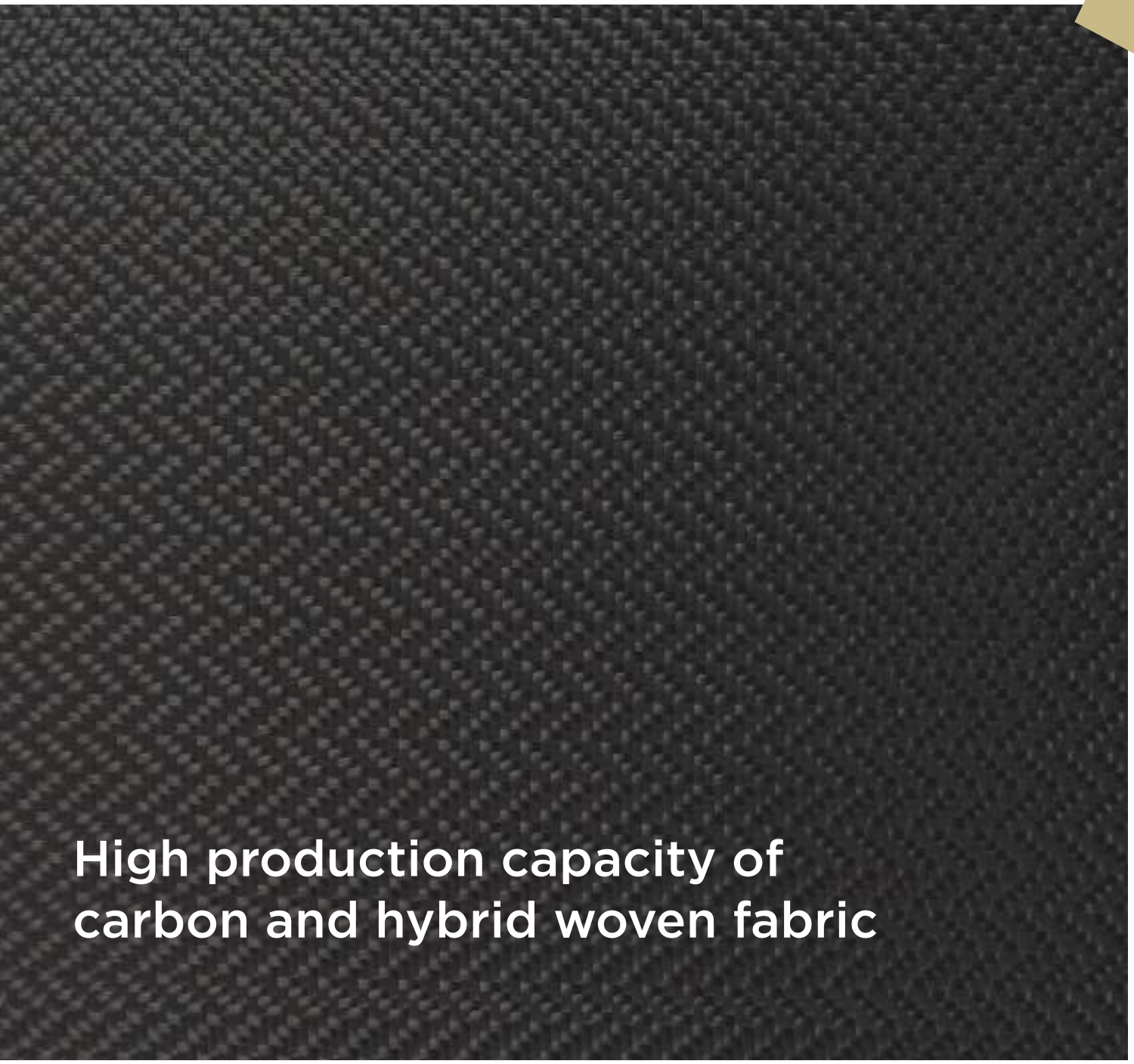
Through the use of evolving and current technologies we aim to;

- Maintain the highest level of customer expectations and satisfaction

- Manage customer feedback efficiently

- Establish and implement an integrated management system aimed at delivering on time while effectively utilizing and continuously improving resources

- Produce accessible, reliable and high quality products with textile composites, based on employee satisfaction and awareness of our responsibility to society, the environment, laws and the country.


High production capacity of
carbon and hybrid woven fabric

DESIGN FABRICS

Designer fabric is specially produced by Spinteks for use in areas where beauty and elegance are at the cutting edge. Colored fabrics refer to fabrics where fine copper wires and carbon fiber are woven in perfect harmony. Special patterned fabrics add elegance to the areas where they are applied with the rich world of weaving.

COLORED CARBON FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN C 285 T YELLOW #4	285	TWILL	3K	3K -Yellow Copper Wire #4	100 / 127
SPN C 285 T GREY #1	285	TWILL	3K	3K-Grey Copper Wire #1	100 / 127
SPN C 285 T RED #26	285	TWILL	3K	3K-Red Copper Wire #26	100 / 127
SPN C 285 T BLUE #28	285	TWILL	3K	3K-Blue Copper Wire #28	100 / 127
SPN C 285 T PINK #7	285	TWILL	3K	3K-Pink Copper Wire #7	100 / 127
SPN C 285 T BLUE #13	285	TWILL	3K	3K-Blue Copper Wire #13	100 / 127
SPN C 285 T GREEN #35	285	TWILL	3K	3K-Green Copper Wire #35	100 / 127
SPN C 285 T LILAC #18	285	TWILL	3K	3K-Lilac Copper Wire #18	100 / 127
SPN C 285 T GREEN #19	285	TWILL	3K	3K-Green Copper Wire #19	100 / 127
SPN C 285 T GOLD #27	285	TWILL	3K	3K-Gold Copper Wire #27	100 / 127

• The width of the fabric can be produced in different values according to demand.

Colored Carbon Fabric (Red #26)

Colored Carbon Fabric (Blue #13)


#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14
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#28
#29
#30
#31
#32
#33
#34
#35

CUSTOMIZED FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN B 285 V1	285	DIAMOND	3K	3K	100 / 127
SPN B 285 V2	285	HERRINGBONE	3K	3K	100 / 127
SPN B 285 V3	285	HERRINGBONE	3K	3K	100 / 127
SPN B 285 V4	285	BROKEN HERRINGBONE	3K	3K	100 / 127
SPN B 285 V5	285	HERRINGBONE	3K	3K	100 / 127
SPN B 285 V8	285	MANSORI	3K	3K	100 / 127
SPN B 285 V9	285	STAR	3K	3K	100 / 127
SPN B 285 V10	285	HERRINGBONE	3K	3K	100 / 127
SPN B 230 V13	230	DIAMOND	3K	3K	100 / 127
SPN B 250 HC3	250	HONEYCOMB	3K	3K	100 / 127
SPN B 240 S1	240	HERRINGBONE (WARP DIRECTION)	3K	3K	100 / 127
SPN B 285 S2	285	HERRINGBONE (WEFT DIRECTION)	3K	3K	100 / 127

• The width of the fabric can be produced in different values according to demand.

Diamond Pattern Carbon Fabric

Honeycomb Pattern Carbon Fabric

Herringbone Pattern Carbon Fabric

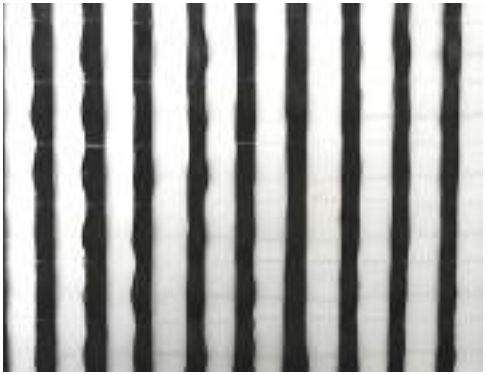
GRID (MESH) FABRICS

Grid (mesh) fabrics are often used in the field of reinforcement and restoration. It features a network structure with cell spaces between the fibers. They are divided into two types: unidirectional and bidirectional grid fabrics. It is woven with spaces between high-performance warp (0°) and weft (90°) yarns such as carbon, basalt and glass. It is produced as a hybrid fabric by using carbon, basalt and glass fibers in different cell gap areas. Optionally coated with special coating.

UNIDIRECTIONAL GRID (MESH) FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE		WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN GRD U 100 2X0	100	2X0 CM CELL SPACE	24K	E GLASS HOT MELT	E GLASS HOT MELT	100
SPN GRD U 200 2X0	200	2X0 CM CELL SPACE	24K	E GLASS HOT MELT	E GLASS HOT MELT	100
SPN GRD U 300 2X0	300	2X0 CM CELL SPACE	24K	E GLASS HOT MELT	E GLASS HOT MELT	100

• The areal weight, cell space and width of the fabric can be produced in different values according to demand.

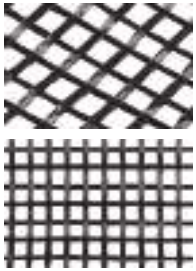


Unidirectional Grid (Mesh) Carbon Fabric

BIDIRECTIONAL CARBON GRID (MESH) FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE		WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN GRD 200 2X2	200	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	24K	100
SPN GRD 240 2X2	240	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	24K	100
SPN GRD 300 2X2	300	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	24K	100
SPN GRD 370 2.5X2.5	370	2.5X2.5 CM CELL SPACE	24K	E GLASS HOT MELT	24K	100
SPN GRD 410 2X2	410	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	24K	100

• The areal weight, cell space and width of the fabric can be produced in different values according to demand.



Carbon Grid (Mesh) Fabric

BIDIRECTIONAL BASALT GRID (MESH) FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE		WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN GRD 240 2X2 (BASALT)	240	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100
SPN GRD 300 2X2 (BASALT)	300	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100
SPN GRD 400 2X2 (BASALT)	400	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100

• The areal weight, cell space and width of the fabric can be produced in different values according to demand.

Basalt Grid (Mesh) Fabric

BIDIRECTIONAL GLASS GRID (MESH) FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE		WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN GRD 240 2X2 (GLASS)	240	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100
SPN GRD 350 2X2 (GLASS)	350	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100
SPN GRD 450 2X2 (GLASS)	450	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100
SPN GRD 650 2X2 (GLASS)	650	2X2 CM CELL SPACE	2400 TEX	E GLASS HOT MELT	2400 TEX	100

• The areal weight, cell space and width of the fabric can be produced in different values according to demand.

Glass Grid (Mesh) Fabric

BIDIRECTIONAL HYBRID GRID (MESH) FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE		WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN H GRD 200 2X2 (CAR-BAS)	200	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	2400 TEX	100
SPN H GRD 300 2X2 (CAR-BAS)	300	2X2 CM CELL SPACE	24K	E GLASS HOT MELT	2400 TEX	100

• The areal weight, cell space and width of the fabric can be produced in different values according to demand.

Hybrid
Grid (Mesh) Fabric

BIDIRECTIONAL FABRICS

Bidirectional fabrics are produced by using high-performance fibers such as carbon, basalt and glass in both warp (0°) and weft (90°) directions in the weaving process. Bidirectional fabrics, also called two-way or biaxial fabrics, usually use fibers of the same size in the weft and warp directions to produce plain, twill 2x2, twill 4x4, 4/1 sateen and 7/1 sateen patterns

BIDIRECTIONAL CARBON FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN B 160 P/T	160	PLAIN/TWILL	3K	3K	100 / 127
SPN B 200 P/T	200	PLAIN/TWILL	3K	3K	100 / 127
SPN B 245 P/T	245	PLAIN/TWILL	3K	3K	100 / 127
SPN B 285 2X2T/4X4T/5HS	285	TWILL/4X4 TWILL/ 5 SATEEN	3K	3K	100 / 127
SPN B 300 P/T	300	PLAIN/TWILL	6K	6K	100 / 127
SPN B 365 8HS	365	8 SATEEN	3K	3K	100 / 127
SPN B 400 P/T	400	PLAIN/TWILL	12K	12K	100 / 127
SPN B 500 P/T	500	PLAIN/TWILL	12K	12K	100 / 127
SPN B 600 P/T	600	PLAIN/TWILL	12K	12K	100 / 127
SPN B 660 T	660	TWILL	12K	12K	100 / 127
SPN B 800 P/T	800	PLAIN/TWILL	24K	24K	100 / 127

• The areal weight and width of the fabric can be produced in different values according to the demand.

Bidirectional Plain Pattern Carbon Fabric

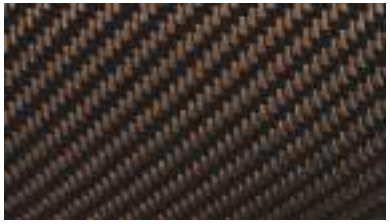
Bidirectional Twill Pattern Carbon Fabric

BIDIRECTIONAL BASALT FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN B 200 P/T (BASALT)	200	PLAIN/TWILL	100 TEX	100 TEX	100 / 127
SPN B 300 P/T (BASALT)	300	PLAIN/TWILL	600 TEX	600 TEX	100 / 127
SPN B 400 P/T (BASALT)	400	PLAIN/TWILL	1200 TEX	1200 TEX	100 / 127
SPN B 500 P/T (BASALT)	500	PLAIN/TWILL	1200 TEX	1200 TEX	100 / 127
SPN B 600 P/T (BASALT)	600	PLAIN/TWILL	1200 TEX / 2400 TEX	1200 TEX / 2400 TEX	100 / 127
SPN B 800 P/T (BASALT)	800	PLAIN/TWILL	1200 TEX / 2400 TEX	1200 TEX / 2400 TEX	100 / 127

The areal weight and width of the fabric can be produced in different values according to demand.

Bidirectional Plain Pattern Basalt Fabric

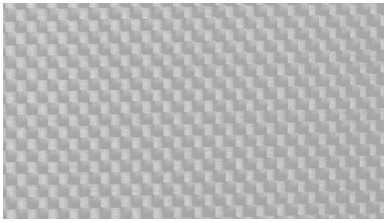


Bidirectional Twill Pattern Basalt Fabric

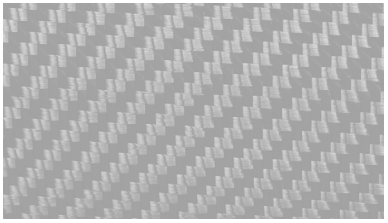
BIDIRECTIONAL GLASS FABRIC

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN B 200 P/T (GLASS)	200	PLAIN/TWILL	132 TEX	132 TEX	100 / 127
SPN B 300 P/T (GLASS)	300	PLAIN/TWILL	198 TEX	198 TEX	100 / 127
SPN B 400 P/T (GLASS)	400	PLAIN/TWILL	1200 TEX	1200 TEX	100 / 127
SPN B 500 P/T (GLASS)	500	PLAIN/TWILL	1200 TEX	1200 TEX	100 / 127
SPN B 600 P/T (GLASS)	600	PLAIN/TWILL	1200 TEX / 2400 TEX	1200 TEX / 2400 TEX	100 / 127
SPN B 800 P/T (GLASS)	800	PLAIN/TWILL	1200 TEX / 2400 TEX	1200 TEX / 2400 TEX	100 / 127

The areal weight and width of the fabric can be produced in different values according to the demand



Bidirectional Plain Pattern Glass Fabric



Bidirectional Twill Pattern Glass Fabric

HAYDARPAŞA STATION

- Reinforcement of the slab
- Column and beam reinforcement

GALATASARAY UNIVERSITY

- Column - beam reinforcement
- Reinforcement of the slab

DİVRİĞİ ULU MOSQUE

- Dome reinforcement

ADMINISTRATION BUILDING OF HAGIA SOPHIA MUSEUM

- Wall reinforcement

MİMAR SİNAN UNIVERSITY

- Wall reinforcement

YILDIZ PALACE

- Column reinforcement

SÜLEYMANİYE MOSQUE

- Dome reinforcement

UNIDIRECTIONAL FABRICS

Unidirectional fabrics are made by using high performance fibers such as carbon, basalt and glass in weaving, usually in the warp direction (0°). In the weft direction (90°) of unidirectional (UD) fabrics, also called one-way or uniaxial, there is usually a thin yarn of glass fibers or polymers. The yarn in the weft direction has no structural function such as flexural or tensile strength. The tensile strength and bending strength of the fabric is in the warp direction (0°) of the high performance yarn. Unidirectional woven fabrics are made in different structures depending on the type of composite or reinforcement.

UNIDIRECTIONAL CARBON FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN U 105	105	UD	3K	E GLASS HOT MELT	50 / 100
SPN U 200	200	UD	12K	E GLASS HOT MELT	50 / 100
SPN U 300	300	UD	12K / 24K	E GLASS HOT MELT	50 / 100
SPN U 400	400	UD	12K / 24K	E GLASS HOT MELT	50 / 100
SPN U 450	450	UD	12K / 24K	E GLASS HOT MELT	50 / 100
SPN U 500	500	UD	12K / 24K	E GLASS HOT MELT	50 / 100
SPN U 600	600	UD	12K / 24K	E GLASS HOT MELT	50 / 100

• The areal weight and width of the fabric can be produced in different values according to demand.

Unidirectional (UD) Carbon Fabric

UNIDIRECTIONAL BASALT FABRICS

PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN U 200 (BASALT)	200	UD	1200 TEX	E GLASS HOT MELT	50 / 100
SPN U 300 (BASALT)	300	UD	1200 TEX / 2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 350 (BASALT)	350	UD	2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 450 (BASALT)	450	UD	2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 600 (BASALT)	600	UD	2400 TEX	E GLASS HOT MELT	50 / 100

The areal weight and width of the fabric can be produced in different values according to demand

Unidirectional (UD) Basalt Fabric

UNIDIRECTIONAL GLASS FABRICS

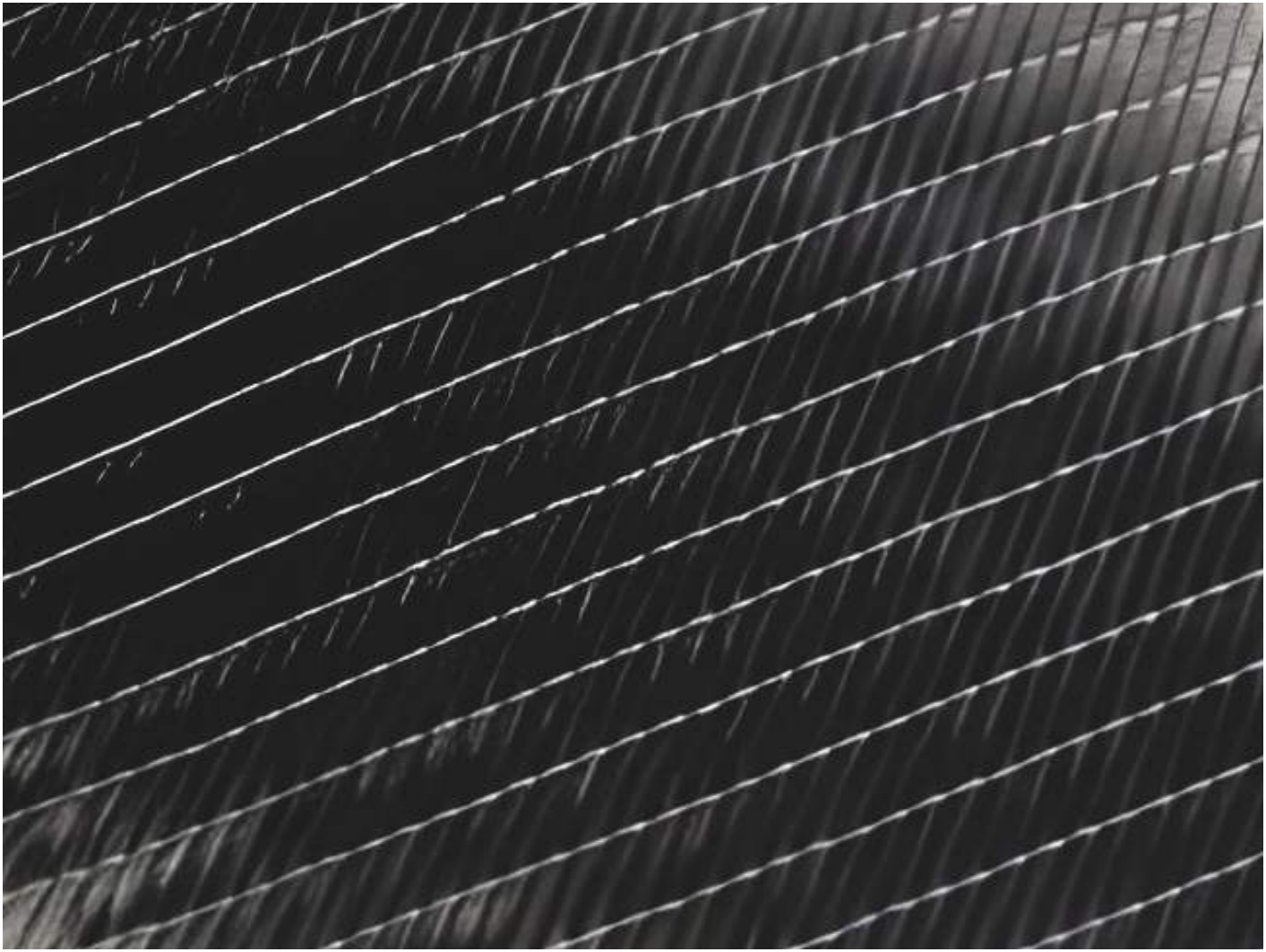
PRODUCT NAME	FABRIC AREAL WEIGHT (g/m²)	PATTERN	WARP (0°) FIBER TYPE	WEFT (90°) FIBER TYPE	STANDARD WIDTH (CM)
SPN U 200 (GLASS)	200	UD	1200 TEX	E GLASS HOT MELT	50 / 100
SPN U 300 (GLASS)	300	UD	1200 TEX / 2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 350 (GLASS)	350	UD	2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 450 (GLASS)	450	UD	2400 TEX	E GLASS HOT MELT	50 / 100
SPN U 600 (GLASS)	600	UD	2400 TEX	E GLASS HOT MELT	50 / 100

The areal weight and width of the fabric can be produced in different values according to demand

Unidirectional (UD) Glass Fabric

MULTIAXIAL FABRICS

Multiaxial fabrics are created by stacking high-performance fibers at specific angles and stitching them together. Using the multiaxial production method, one can produce one-way (uniaxial-unidirectional), two-way (biaxial -bidirectional), three-way-axial (triaxial) or four-way-axial (quadraxial) fabrics.



Multiaxial Fabric

PRODUCT NAME	FIBER TYPE			FABRIC AREAL WEIGHT (g/m²)	STANDARD WIDTH (CM)	ROLL LENGTH (M)
UD Stitched Fabric	Tricot	E5	12K / 24K	300	125	50 / 100
UD Stitched Fabric	Tricot	E5	12K / 24K	400	125	50 / 100
UD Stitched Fabric	Tricot	E5	12K / 24K	500	125	50 / 100
UD Stitched Fabric	Tricot	E5	12K / 24K	600	125	50 / 100
UD Stitched Fabric	Tricot	E5	12K / 24K	860	125	50
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	300	125	50 / 100
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	400	125	50 / 100
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	600	125	50 / 100
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	800	125	50
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	1000	125	50
± 30° Biaxial	Piller / Tricot	E5	12K / 24K	1200	125	50
± 45° Biaxial	Piller / Tricot	E5	12K / 24K	300	125	50 / 100
± 45° Biaxial	Piller / Tricot	E5	12K / 24K	400	125	50 / 100
± 45° Biaxial	Piller / Tricot	E5	12K / 24K	600	125	50 / 100
± 60° Biaxial	Piller / Tricot	E5	12K / 24K	300	125	50 / 100
± 60° Biaxial	Piller / Tricot	E5	12K / 24K	400	125	50 / 100
± 60° Biaxial	Piller / Tricot	E5	12K / 24K	600	125	50 / 100
0 / 90° Biaxial	Piller / Tricot	E5	12K / 24K	300	125	50 / 100
0 / 90° Biaxial	Piller / Tricot	E5	12K / 24K	400	125	50 / 100
0 / 90° Biaxial	Piller / Tricot	E5	12K / 24K	600	125	50 / 100
0⁄ 45° Triaxial	Tricot	E5	12K / 24K	450	125	50 / 100
0⁄ 45° Triaxial	Tricot	E5	12K / 24K	600	125	50 / 100
0⁄ 45° Triaxial	Tricot	E5	12K / 24K	800	125	50 / 100
0 /±45° / 90° Quadraxial	Tricot	E5	12K / 24K	600	125	50 / 100
0 /±45° / 90° Quadraxial	Tricot	E5	12K / 24K	800	125	50 / 100
0 /±45° / 90° Quadraxial	Tricot	E5	12K / 24K	1000	125	50 / 100
0 /±45° / 90° Quadraxial	Tricot	E5	12K / 24K	1200	125	50 / 100

APPLICATIONS OF CARBON FABRICS

Manufacturing woven carbon, basalt and hybrid fabrics with the motto “In every moment of life”, Spinteks provides services to the defense, aviation, automotive, medical, reinforcement and composite industries in Türkiye and abroad.

Empowered by technology and R&D, we are in 21 countries and 6 continents with our wide range of products.

AVIATION

The aviation industry continues to be the driving force of the global economy, providing services such as rapid transportation, trade and tourism. However, rising fuel and maintenance costs, as well as safety and environmental regulations, are driving the aviation industry to seek “lighter and more durable” materials. Given advances in materials science, reducing aircraft weight results in lower fuel consumption while reducing carbon emissions and operating costs. At this point, composites that do not compromise safety are the solution for the industry.

Carbon fibers, one of the most important composite materials of our time, are essential for the industry due to their excellent properties such as high strength-to-weight ratio, structural stability, heat and corrosion resistance.

Spinteks manufactures carbon woven fabrics for the aviation industry, which demands high safety standards

INDUSTRIAL PRODUCTS

Carbon fibers are widely used for manufacturing various industrial products due to their aesthetic appearance, light weight and durability. Carbon fibers are known to impart desired properties to the products in which they are used. They form the basic structure of sports equipment, footwear, instruments and many other products.

Carbon fibers, which provide innovative solutions for the manufacture of sports equipment, enhance the performance of athletes, ensure the longevity of equipment and enable competitive athletic competitions. With these properties, it is an indispensable raw material for the production of quality products with high added value. At the same time, carbon fiber, which is black and matte due to its structure, stands out for its aesthetic appearance in industrial products.

Spinteks is a solutions partner for all industrial products with carbon woven fabric production.

AUTOMOTIVE

Many different composite materials are used in the automotive sector. Carbon fiber, suitable for all industries thanks to its lightweight and durable structure, offers an additional advantage for this particular industry as it does not oxidize when used instead of metal materials.

These materials increase the robustness of the component while reducing the weight of the vehicle. Traces of carbon fiber material are often found on bodies, fenders, hoods, roofs and other parts of sports cars. Due to their lightweight and durable structure, there are automobiles on the market that are made of 90 percent carbon fiber.

Spinteks supports the developing automotive sector with carbon woven fabric production.

MARITIME

Recognition of the importance of composites for marine vehicles has led to significant developments in the industry. The ability to produce composites in a variety of constructions has increased the potential for building complex and large parts in the maritime industry.

The widespread use of carbon fiber reinforced composites increases the strength of structures subjected to multidirectional loads and maximizes corrosion resistance. Weight reduction studies, which are important in all types of transportation vehicles, are particularly important in the maritime industry to break the resistance of water. To break this resistance, both the strength of the structure must be at the highest level and the design must be as light as possible.

Spinteks manufactures durable carbon woven fabrics for the maritime industry, where corrosion resistance is critical.

MEDICAL

Today, carbon fiber materials find a variety of applications in the medical field due to their light weight, high level hardness and biocompatibility. Carbon fiber composite structures, thanks to their superior properties, offer comfort, confidence and superior mobility to users in orthopedic applications, in the construction of prostheses, dental implants and also in the use of orthopedic insoles.

Spinteks manufactures carbon woven fabrics with high level biocompatibility and antibacterial properties

ENERGY

The wind industry is one of the most important renewable energy sources, also known as “green energy”, which generates electricity with very low greenhouse gas emissions. Wind energy, the most important representative of clean energy, relies on very large wind turbines that must be both powerful and efficient. This means longer and lighter propeller blades that are robust enough to withstand strong winds.

There is a great demand in the industry for carbon and glass fibers, which provide lightness and strength. In general, wind turbines made of glass fiber are heavier than those made of carbon fiber. The widespread use of carbon fiber materials in the wind industry makes it possible to manufacture wind turbines with lighter and larger propellers, and to build an efficient power generation system even in areas with little wind.

Spinteks produces carbon woven fabrics for our clean and sustainable energy sources.

REINFORCEMENT AND RESTORATION

Technical textile products, thanks to their high strength and alkali resistance, are widely used in the construction of new buildings, in the reinforcement of worn, weak buildings and historical monuments. Their use is not limited to buildings such as schools and hospitals, but also extends to structures such as stadiums, bridges, tunnels and ports that require advanced technology

Spinteks covers all the needs of the renovation and reinforcement sector with its technical solutions under the Carbonier brand. Besides carbon, basalt, glass and hybrid fabrics, it also secures our history and future with epoxy systems, plates and various anchors.

CERTIFICATES & MEMBERSHIPS

EN-AS 9100 Quality Management System for Aviation, Space and Defense (AS&D) Industry

ISO 9001 Quality Management System

ISO 45001 Health and Safety Management System

ISO 14001 Environmental Management System

DNV-GL Type Approval Certificates

Denizli Exporters Association

Denizli Chamber of Commerce

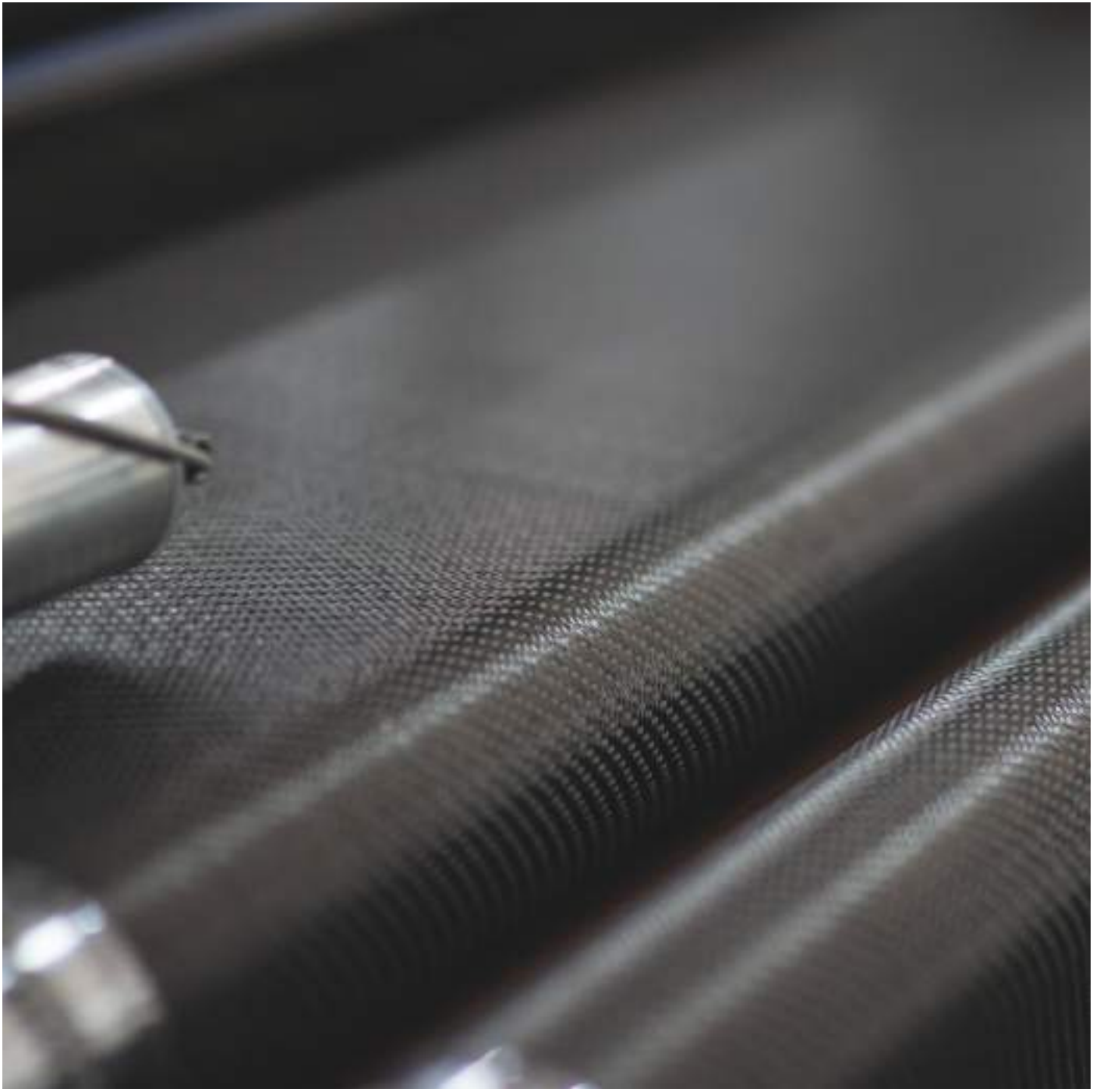
Denizli Chamber of Industry

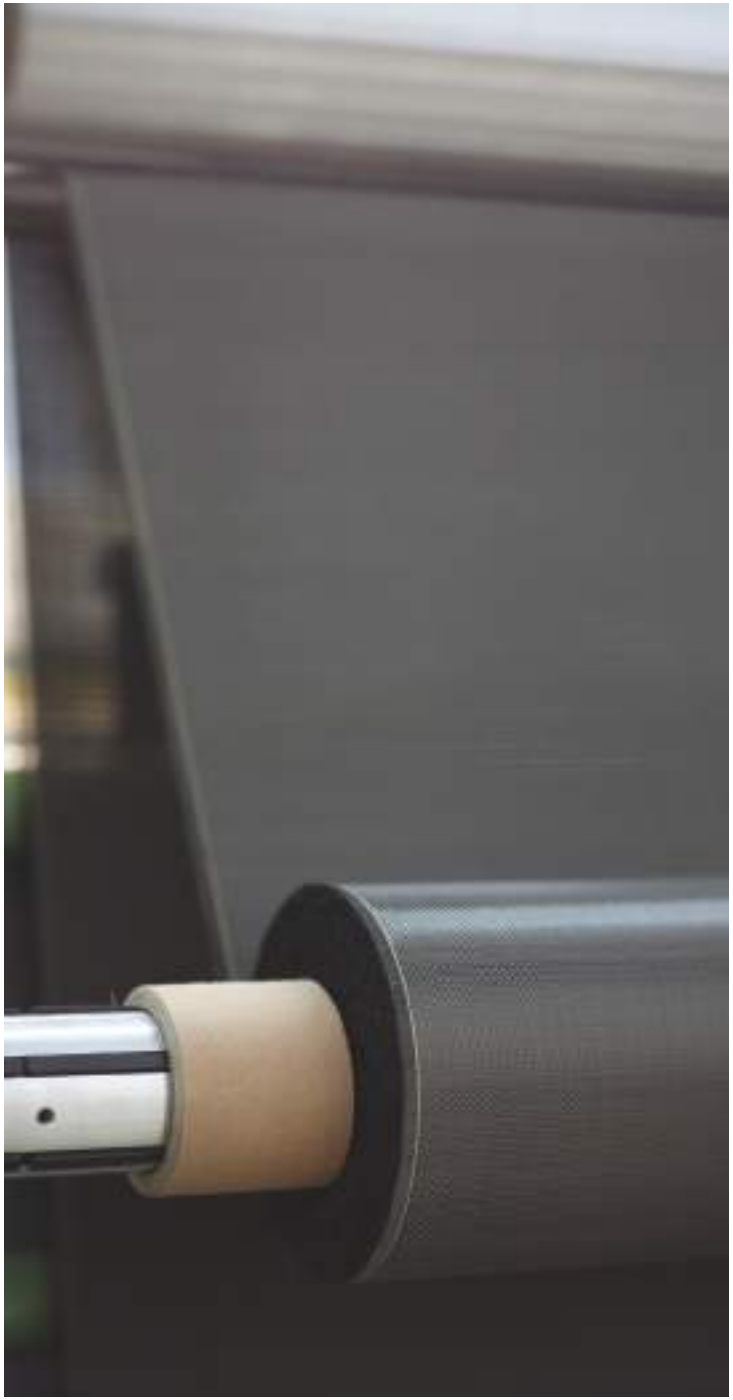
TSE 13896 Certificate of Conformity

TSE K 642 Certificate of Conformity

Turkish Composites Manufacturers Association

Association of Reinforcement for Earthquake





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