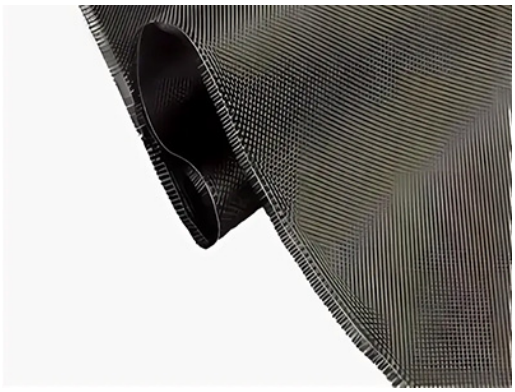
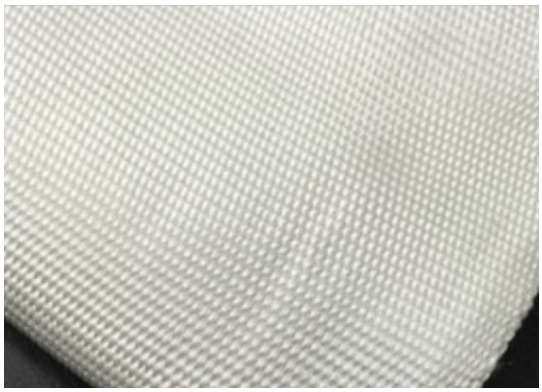
MATERIALS / APPLICATIONS / SOURCING

Industrial fabrics for heat protection.

Fiberglass, coated textiles and fabricated products.
Bring the application and specification into focus.



Silicone-coated fiberglass fabric



Fiberglass fabric



High-silica fabric



Welding protection textiles

Discuss the material. Define the requirement.

Start with the operating conditions.

The same material name can sit inside very different assemblies. Define the job before selecting the grade.



DEFINE BEFORE ENQUIRING

Heat source

Contact and distance

Duration and frequency

Installation and movement

FIVE APPLICATION AREAS

Welding & hot work

Sparks, hot particles and orientation.

Removable insulation

Hot face, core and outer cover.

Equipment protection

Heat, motion, access and environment.

Furnaces & boilers

Location, contact and operating cycles.

Flexible expansion joints

Movement, medium and layer function.

A CLEAR SPECIFICATION IN THREE STEPS

01

Describe exposure

Heat source, contact, duration.

02

Define construction

Base cloth, coating, layers, seams.

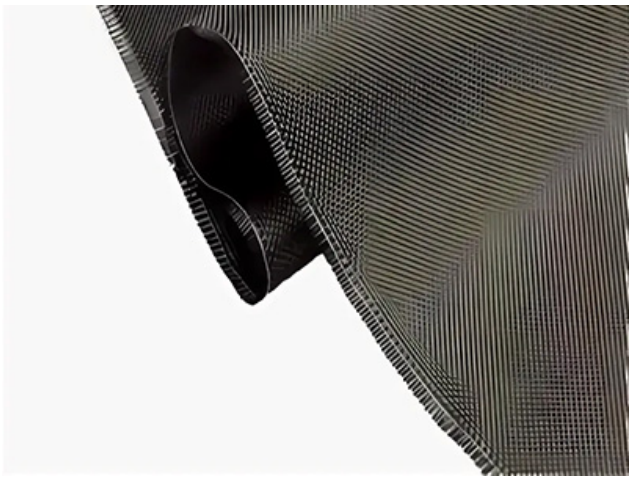
03

Match the evidence

Grade, documents, acceptance.

Base fabric. Surface performance.

Compare the textile and coating together, with the finished construction in view.



Silicone-coated fiberglass fabric

Silicone-coated fiberglass for flexible covers, insulation facings and protective textile assemblies.

SPECIFY FOR YOUR APPLICATION

- Coating sides and formulation
- Heat, chemicals and cleaning
- Weight, width and fabrication



PU-coated fiberglass fabric

Polyurethane-coated fiberglass for insulation facings and fabricated textile components.

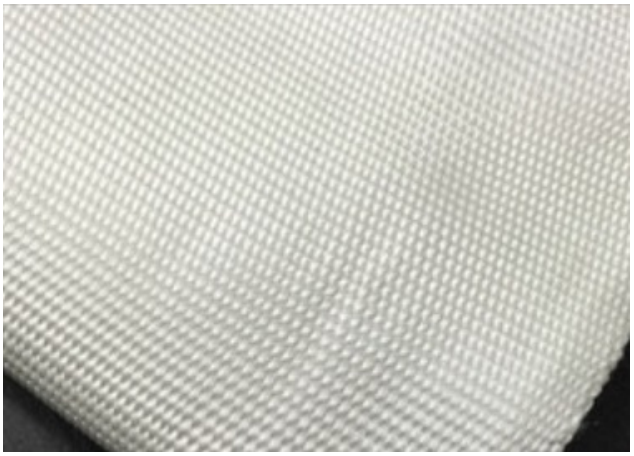
SPECIFY FOR YOUR APPLICATION

- Coating coverage and function
- Exposure and finish compatibility
- Dimensions and tolerances

Check coating and finished-fabric limits separately from the base fiber.

Choose the textile construction.

Composition, weave and finish belong in the specification, alongside the operating conditions.



Fiberglass fabric

Glass-fiber textiles for heat barriers, insulation layers and further fabrication.

SPECIFY FOR YOUR APPLICATION

- Fiber type, yarn and weave
- Finish and handling requirements
- Width, weight and thickness



High-silica fabric

Silica-rich woven textiles for hot facings and thermal barriers.

SPECIFY FOR YOUR APPLICATION

- Declared material composition
- Exposure duration and cycles
- Finish and dimensional behavior

Select the exact grade using its technical documents and intended exposure.

Match the protection to the exposure.

Describe sparks, hot particles and positioning before specifying a textile or finished blanket.



Vermiculite-coated fiberglass fabric

Vermiculite-coated fiberglass for hot-work textiles and thermal-barrier constructions.

SPECIFY FOR YOUR APPLICATION

- Spark and molten-particle exposure
- Flexing, abrasion and handling
- Intended finished construction



Photo: folded protective fabric

Welding blankets

Textile blankets for protection requirements around welding sparks and hot particles.

SPECIFY FOR YOUR APPLICATION

- Blanket, curtain or pad category
- Size, seams, edges and fixings
- Relevant finished-product evidence

Orientation and exposure category matter. Confirm the finished product's test scope.

From fabric to the full assembly.

Plan layers, supports, closures and access alongside the material selection.



Photo: curtain fabric

Industrial heat curtains

Textile curtain assemblies for industrial heat shielding and spark containment.

SPECIFY FOR YOUR APPLICATION

- Opening, overlap and clearances
- Fixed or moving installation
- Heat and particle-barrier function

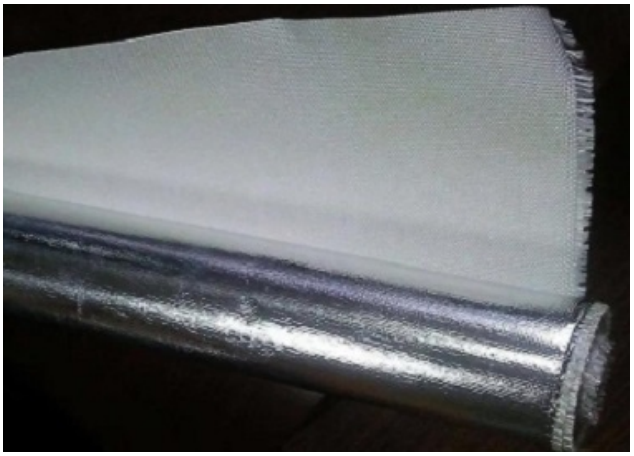


Photo: heat-reflective foil facing

Thermal insulation fabrics

Textile facings and covers for removable industrial insulation assemblies.

SPECIFY FOR YOUR APPLICATION

- Hot face, core and outer cover
- Equipment geometry and closures
- Removal and maintenance access

Assess thermal performance on the complete assembly, not on the facing fabric alone.

Prepare a focused enquiry.

Share what is known. Mark open requirements clearly so the material and commercial discussion can move together.

01	**Application**	What needs protection, and where does the textile sit?
02	**Exposure**	Continuous and peak conditions, contact, duration and orientation.
03	**Construction**	Base fabric, coating, layers, seams and attachments.
04	**Dimensions**	Width, thickness, mass per area, finished size and tolerances.
05	**Quantity & delivery**	Target quantity with units, destination and requested timing.
06	**Documents & acceptance**	Required tests, exact grade identification and acceptance criteria.

Confirm the exact grade, technical evidence and commercial terms before ordering.

Bring your application. Start the conversation.

For industrial textile selection and sourcing enquiries.

Phone / WhatsApp

+8613370080785

wa.me/8613370080785

Scan to open WhatsApp.
Review and send your message there.

INCLUDE THESE ENQUIRY DETAILS

Application / Operating conditions

Material / Construction

Dimensions / Quantity

Destination / Required date

Test documents / Contact details

Photos illustrate material categories. Specifications and suitability depend on the selected grade and application.

Photo reference: fire-resistant-fabric.com