



FLOWTRONIX (FT)



HIGH TEMPERATURE TEXTILES



Founded in 1990, **FLOWTRONIX (FT)** is a leading Manufacturer, Stockiest, Distributor and Supplier of the complete range of high quality Personal Protective Equipment (PPE) and safety solutions. We provide a diverse product portfolio for consolidated safety purchasing to our strategic end user clients, distribute products and services through our largest integrated network of resellers, retail stores and distribution centers.



Personal Protective Equipment (PPE)

FT offers a full range of safety solutions for your professional needs. We offer high quality personal protective equipments which guarantee protection against wide range of risks associated with high degree of comfort for our users. We supply our products to all industrial sectors that need protective equipment for their manpower against all kinds of occupational hazards. FT work towards by implementing a total "Head-to-Toe" safety concept to the HSE standards by providing authentic, environment friendly and quality Personal Protective Equipment.

FT SAFETY FIRST AT EVERY WORKPLACE

Serious injury or death in the workplace changes lives forever - for the families, friends, co-workers, employer and communities. That is why it is very important to apply Safety First philosophy in every workplace. Effective health and safety in your workplace can help keeping your employees happy and productive, at the same time reduces the human and business costs of injuries.

HIGH TEMPERATURE TEXTILES



Welding sparks, splatter or high heat are significant issues that poses hazards to people, property and equipment. Not only it can cause burns and serious personal injury to workers, but they can also cause fire that can significantly result to potential loss to the production process and property which can have a negative influence on the work.

Protective Textiles for Hot Works

The most effective protection against welding spatter requires the use of non-combustible materials. Specific applications and work situations often require unique choices and customized products. Only tested and approved products should be chosen for maximum security against liability. Our high temperature textiles includes e-glass, fibreglass, thermoglass or silica fibres which provide extremely good protection against heat, welding spatter and sparks.



STANDARDS AND TEST METHODS

Our high temperature textiles comply with requirements and standards for quality. We deliver high-quality product that will ensure a safe workplace, at all times. The choice of high temperature textiles, fire blanket or welding blanket to be used depends on the type of risk, the user frequency, the mechanical load, the proximity of the spark source and various environmental factors. For the best possible protection, it is necessary to use and select products that are tested and approved according to the below mentioned standards.



HIGH TEMPERATURE TEXTILES

EN ISO/IEC 17050-1

Developed with the objective of giving general requirements for a supplier's declaration of conformity. It specifies requirements applicable when the individual or organization responsible for fulfilment of specified requirements (supplier) provides a declaration that a product (including service), process, management system, person or body is in conformity with requirements, which include normative documents such as standards, guides, technical specifications and regulations.

ASTM D 3775

This test method covers the measurement of warp end count and filling pick count and is applicable to all types of woven fabrics.

Note—Historically, the term fabric count has been used to describe the end and pick count of woven fabrics. The terms warp (end) and filling (pick) count are replacing the term fabric count, to provide clarity.

ASTM D5034

ASTM D5034 is a Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test). This test method covers the grab and modified grab test procedures for determining the breaking strength and elongation of most textile fabrics. Provisions are made for wet testing. The grab test procedure is applicable to woven, nonwoven, and felted fabrics, while the modified grab test procedure is used primarily for woven fabrics.

ASTM D1777

ASTM D1777 is a Standard Test Method for Thickness of Textile Materials. This test method applies to most fabrics including woven fabrics, air bag fabrics, blankets, napped fabrics, knitted fabrics, layered fabrics, and pile fabrics. The fabrics may be untreated, heavily sized, coated, resin-treated, or otherwise treated. Instructions are provided for testing thickness, except as provided for in another standard such as listed in Section 2.



HIGH TEMPERATURE TEXTILES

Fire Blankets

Avirtex® Fire Blankets are made of 100% fiberglass fabric. The blankets are specially treated in order to gain a better fireproof performance. They can quickly stop fire burning and prevent fire spreading. Besides in putting out a fire, the blankets can also be used for escape in fire. Safety is the number one priority, users need to ensure the material you choose meets your checklist of requirements.

- Excellent flame and heat resistance
- Toxicity - meets most stringent requirements
- Abrasion resistant - no airborne fibers
- Solvent and water resistance
- UV resistant
- User friendly - easy to handle

Silica

Silica consists of high temperature non-textured amorphous silica fiber yarn, woven into an extremely strong fabrics. These non preshrunk textiles are ideal for applications with continuous use up to 1250°C or occasional excursions up to 1400°C . These silica textiles are strong and easy to work with. They exhibit good handleability and remain flexible in numerous high temperature applications.



They are extremely flexible and are resistant to most chemicals. Silica is a group IV metal oxide, which has good abrasion resistance, electrical insulation and high thermal stability. It is insoluble in all acids with the exception of hydrogen fluoride (HF).

High silica materials were used only in aircraft and aerospace industries, but now they are used in various branches of industry, where heat resistant (up to 1000° C) materials are required. Glass fiber products with a high SiO₂ content are excellent high temperature insulators and can be used over long periods without losing the Style and Design properties and without melting and vaporising at temperatures of up to 1400° C and for a short period at temperatures of up to 1300° C.

Shrinkage at temperature of 1000°C:

- For non-heat-treated materials 12 %,
- For heat-treated fabrics , depending on the treatment regime, < 7 % or < 3 %.

Application: High Silica Fabrics are designed for use:

- As insulation and protection applications, such as sealing, packaging, protective screens
- As drop cloth for welding and fire curtains
- As reinforcement for acid resistant composites
- For filtration of molten metal and furnace exhaust, etc.



HIGH TEMPERATURE TEXTILES

E-Glass

The versatility of E-glass as a fiber makes it unique industrial textile material. Glass fiber in fabric form offers an excellent combination of properties from high strength to fire resistance. Wide ranges of yarn sizes and weave patterns provide huge number of design potential allowing the end user to choose the best combination for material performance, economics and flexibility.

Dimensional Stability: E-glass fiber is a dimensionally stable engineering material. Glass fiber does not stretch or shrink after exposure to extremely high or low temperatures. The maximum elongation for E-glass at break is 4.8% with a 100% elastic recovery when stressed close to its point of rupture.

Moisture Resistance: Do not absorb moisture or change physically or chemically when exposed to water.

High Strength: The high strength-to-weight ratio of glass fiber makes it a superior material in applications where high strength and minimum weight are required.

Fire Resistance: E-glass fiber is an inorganic material and will not burn or support combustion. It retains approximately 25% of its initial strength at 1022°F (550°C).

Chemical Resistance: Most chemicals have little or no effect on glass fiber. The inorganic glass textile fibers will not mildew, rot or deteriorate.

Electrical Properties: E-glass fiber is an excellent material for electrical insulation. The combination of properties such as low moisture absorption, high strength, heat resistance and low dielectric constant makes glass fiber fabrics ideal as reinforcement for printed circuit boards and insulating varnishes.

Thermal Conductivity: A low coefficient of thermal expansion combined with high thermal conductivity properties makes glass fabric a dimensionally stable material that rapidly dissipates heat as compared to asbestos and organic fibers.

Fiberglass / Thermoglass

Fiberglass/Thermoglass' fabric construction influences strength, pliability and appearance. The fabric finish stabilizes the weave and/or improves its resistance to high temperature, moisture, rot, mildew, flame and abrasion. It has a smooth loomstate finish which facilitates heat conduction and reflection away from the point of heat contact. Strong and flexible, the fabric is ideal for wrapping around uneven equipment surfaces to protect unwanted heavy welding sprays.

Properties of Fiberglass/Thermoglass Fabrics:

Chemical Resistance: These fabrics will not rot, mildew or deteriorate. They resist most acids with the exceptions of hydrofluoric acid and phosphoric acid.

Dimensional Stability: Fabrics will not stretch or shrink. Nominal elongation break is 3-4 percent. The average linear thermal expansion coefficient of "E" glass is 5.4 by 10.6 cm/cm/°C.

Good Thermal Properties: Have a low coefficient of thermal expansion and relatively high thermal conductivity. Glass fabrics will dissipate heat more rapidly than asbestos or organic fibers.

High Tensile Strength: Has a high strength-to-weight ratio. Yarn is twice as strong as steel wire.

High Thermal Endurance: Cannot burn and is basically unaffected by curing temperatures used industrial processing. Can retain approximately 50 percent of its strength at 700°F and as much as 25 percent at 1000°F.

Electrical Insulation: High dielectrical strength and relatively low dielectrical constants make the fabrics outstanding for electrical insulation purposes.



AVIRTEX®

Protective Materials for Hot Works

High temperature textiles protects people, property or equipments when exposed to welding spark, spatter, or high heat that can result in expensive damages including major fires.

In major refinery shutdown welding blankets are used as equipment covers to protect sensitive tools and equipment from the potential damage that can be caused by welding splatter. Catwalks would be lined with welding protective blankets to prevent welding spark and spatter from falling onto other levels and potentially igniting fires where there may be petroleum spills or simply keeping the spark from landing on people working on lower levels.

AVIRTEX RANGE:

- Fire Blankets 08-09
- Silica High Temperature Textile (218)..... 10
- Silica High Temperature Textile (200)..... 11
- Silica High Temperature Textile (198)..... 12
- Silica High Temperature Textile (222)..... 13
- E-Glass High Temperature Textile..... 15
- Fiberglass High Temperature Textile..... 16
- Thermoglass High Temperature Textile (195)..... 17
- Thermoglass High Temperature Textile (197)..... 18
- Thermoglass High Temperature Textile (196)..... 19
- Tarpaulin 20



HIGH TEMPERATURE TEXTILES

HIGH TEMPERATURE TEXTILES





FIRE BLANKETS

Specifications & Features:

- AVIRTEX® fire blanket is a top quality slim fire resistant blanket.
- The suppleness and strength of blanket ensures user confidence as it is well insulated, yet easily drapes over the fire.
- For smothering and extinguishing fires in homes, kitchens, schools, hospitals, laboratories, offices, workshops and factories.
- Base fabric: 100% Fiberglass
- Material: Woven Glass Fiber
- Thickness: Approx. 0.43 mm

Features:

- Product independently tested and certified to EN 1869:1997
- Blanket made from woven glass fiber (Totally Asbestos-Free)
- Fire blanket pack in red color hard PVC box with flush caps
- Container can be wall-mounted
- Easy and quick withdrawal of blanket from container
- Clear usage instructions in English and Arabic.





ADDITIONAL FEATURES:

Approx. 0.43 mm thickness

Available in 3 sizes:

- 4 x 4 ft. (Art No: 4246FT140)
- 4 x 6 ft. (Art No: 4246FT141)
- 6 x 6 ft. (Art No: 4246FT142)

White color fire blanket

Release straps



HIGH TEMPERATURE TEXTILES

FIRE BLANKETS INSTRUCTION GUIDE:

Fire Blanket



Use for smothering fires

For Small Fires

1. Approach burning material with blanket in front.
2. Cover burning material completely to seal off air.
3. Leave burning material covered.
4. If clothing is on fire, force victim to ground. Wrap in fire blanket, call medical aid and treat for shock.

**ONE TIME USE ONLY
DISCARD AFTER USE.**



- Take a release tape in each hand and pull downwards and outwards
- Conforms to EN1869:1997 and ASTM F1989-05



SILICA HIGH TEMPERATURE TEXTILE

Art No.: 7125FT218

Specifications & Features:

- High-silica fabrics are new-generation heat resistant material.
- Glass fibre products with a high SiO₂ content are excellent high temperature insulators and can be used over long periods without losing the properties and without melting and vaporising.
- Have low thermal conductivity, are inert to majority of chemical reagent
- A suitable protective textile on various applications.

- Fiber Type: Silica
- Composition: >96% SiO₂, Al₂O₃ 3.5+/-0.5%.
- Finish: Vermiculite Coating
- Service Temp.: 1050°C
- Melting Temp.: 1600°C
- Color: Gold



Service Temperature up to 1050° C

Colors



Sizes



Product Performance and Specification

Properties	Metric	Test Method
Weave	12H Satin	
Construction	(Warp) 19 +/-1 yarn/cm	DIN 53853
Thread counts	(Weft) 11 +/-1 yarn/cm	DIN 53853
Weight	1140 +70/-50 g/m2	DIN 12127
Thickness	1.25 +/-1 0.15 mm	DIN EN ISO 5084
Width	1 52 +2/-1 cm	DIN EN 1773
Tensile Strength	(Warp) 2000 N/2.5cm (Fill) 1500 N/2.5cm	EN ISO 13934.1 EN ISO 13934.1
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



SILICA HIGH TEMPERATURE TEXTILE

Art No.: 7125FT200

Specifications & Features:

- A new generation of high thermal resistant material developed by leeching the glass fibre with high silica fibre (SiO₂) content.
- High silica glass fibre material are an excellent alternative to asbestos
- Have low thermal conductivity, are inert to majority of chemical reagent.
- Resistant to organic and acid (except hydrofluoric and phosphoric), weak alkali, water and high pressure steam, good dye electric property and thermal resistance.

- Fiber Type: Silica
- Composition: 96% SiO₂, Al₂O₃ 3.5 +/-0.5%
- Method: PP-Q-K05
- Finish: Vinylpolymer - White Wet Frayproof Treatment
- Service Temp.: 1050°C
- Melting Temp.: 1600°C
- Color: White



Service Temperature up to 1050° C

Colors



Sizes



HIGH TEMPERATURE TEXTILES

Product Performance and Specification

Properties	Metric	Test Method
Weave	12H Satin	
Construction Thread count	(Warp) 19.0 yarn/cm (Fill) 11.0 yarn/cm	DIN 53853 DIN 53853
Weight	1140 +70/-50 g/m2	DIN 12127
Thickness	1.25 mm	DIN EN ISO 5084
Width	100 +2/-1 cm	DIN EN 1773
Length	50m +/- 2	
Tensile Strength	(Warp) 4767.8 N/2.5cm (Fill) 2976.1 N/2.5cm	EN ISO 13934.1 EN ISO 13934.1
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



SILICA HIGH TEMPERATURE TEXTILE

Art No.: 7125FT198

Specifications & Features:

- Suitable protective textile on various applications.
- Protects against high temperatures
- Silica high temperature textile have low thermal conductivity and have superb electric insulation properties at high temperatures
- High resistance to thermal shock and can be used for a long period of time without changing its properties

- Fiber Type: Silica
- Composition: 96% SiO₂, Al₂O₃ 3.5 +/-0.5%
- Finish: Vinylpolymer - White Wet Frayproof Treatment
- Service Temp.: 1050°C
- Melting Temp.: 1600°C
- Color: White



Service Temperature up to 1050° C

Colors

WH

Sizes



Product Performance and Specification

Properties	Metric	Test Method
Weave	12H Satin	
Construction	(Warp) 26 tex x 16	DIN 60850 T.2
Thread count	(Weft) 26 tex x 16	DIN 60850 T.2
Weight	1140 +70/-50 g/m2	DIN 53854
Thickness	1.25 +/-1 0.15 mm	DIN ISO 5084
Width	100 cm ± 10	DIN 53851
Length	50 m ± 2	
Tensile Strength	(Warp) 5000 N/5cm (Fill) 3500 N/5cm	DIN 53857 DIN 53857
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



SILICA HIGH TEMPERATURE TEXTILE
Art No.: 7125FT222

Specifications & Features:

- A new generation of high thermal resistant material developed by leeching the glass fibre with high silica fibre (SiO) content.
- High silica glass fibre material are an excellent alternative to asbestos
- Have low thermal conductivity, are inert to majority of chemical reagent.
- Resistant to organic and acid (except hydrofloric and phosphoric), weak alkali, water and high pressure steam, good dye electric property and thermal resistance.

- Fiber Type: Silica
- Composition: 96% SiO₂, Al₂O₃ 3.5 +/-0.5%
- Finish: Vermiculite Coating
- Service Temp.: 1050°C
- Melting Temp.: 1600°C
- Color: Gold



Service Temperature up to 1050° C

Colors



Sizes



HIGH TEMPERATURE TEXTILES

Product Performance and Specification

Properties	Metric	Test Method
Weave	8H Satin	
Construction	(Warp) 19.0 Fd (yarn)/cm	DIN 53853
Thread count	(Weft) 13.0 Fd (yarn)/cm	DIN 53853
Weight	696.5 g/m ²	DIN 12127
Thickness	0.67 mm	DIN EN ISO 5084
Width	100 cm	DIN EN 1773
Length	50 m ± 2	
Tensile Strength	(Warp) 4698.1 N/5 cm (Fill) 2707.0 N/5 cm	EN ISO 13934.1 EN ISO 13934.1
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



E-Glass General Characteristics:

- High surface weight ratio
- Amorphous structures
- No stretch or shrink after exposure extremely high or low temperatures
- Low moisture absorption and water resistant
- No physical or chemical change in water contact
- Flexibility in the design of low price
- Not flammable or oxidising
- Little or no response to most chemicals
- Good thermal insulation
- No contact corrosion due to electrochemical effects



For higher temperature exposure, textured E-glass products are used with an added high temperature treatment. An inorganic finish is applied to the surface of the fabric, giving the fabric temperature resistance up to 750°C.

Suitable high quality insulation will minimize energy loss, lower operating costs and improve personnel safety. All this will help lower the total cost of ownership of your particular equipment and facility and reduce your environmental footprint.

Resistance to High Temperatures and Excellent Thermal Properties





E-GLASS HIGH TEMPERATURE TEXTILE

Art No.: 7146FT194

Specifications & Features:

- E-Glass has excellent fibre forming capabilities.
- Low cost fabric with relatively low density characteristic, non-flammable, chemical resistant fibre.
- Heat resistant and good electrical insulation, able to maintain strength over a wide range of conditions.
- Used commonly as a welding blanket and insulation lining, use against moderate/ heavy welding sparks.
- Resistance to high temperatures and excellent thermal properties
- Perfect insulating characteristics as well as excellent abrasion and tear resistance.

- Fiber Type: E-Glass
- Service Temperature: 550°C
- Color: White



Excellent abrasion and tear resistance!



Colors



Sizes



HIGH TEMPERATURE TEXTILES

Product Performance and Specification

Properties	Metric	Test Method
Weave	8H Satin	
Construction Thread count	(Warp) EC9 136 1*2 ECG 37 1/2 (Weft) EC9 136 1*2 ECG 37 1/2	
Construction Thread count	(Warp) 18±1 ends/cm (Weft) 14±1 ends/cm	ASTM D3775-96 ASTM D3775-96
Thickness	0.8 mm	ASTM D1777-96
Weight	880 g/m2 (±5%)	ASTM D3775-96
Width	100 cm (±1 cm)	ASTM D3775-96
Length	50 m ± 2	
Tensile Strength	(Warp) 7445 N/5cm (Weft) 5693 N/5cm	ASTM D5034-95 ASTM D5034-95
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



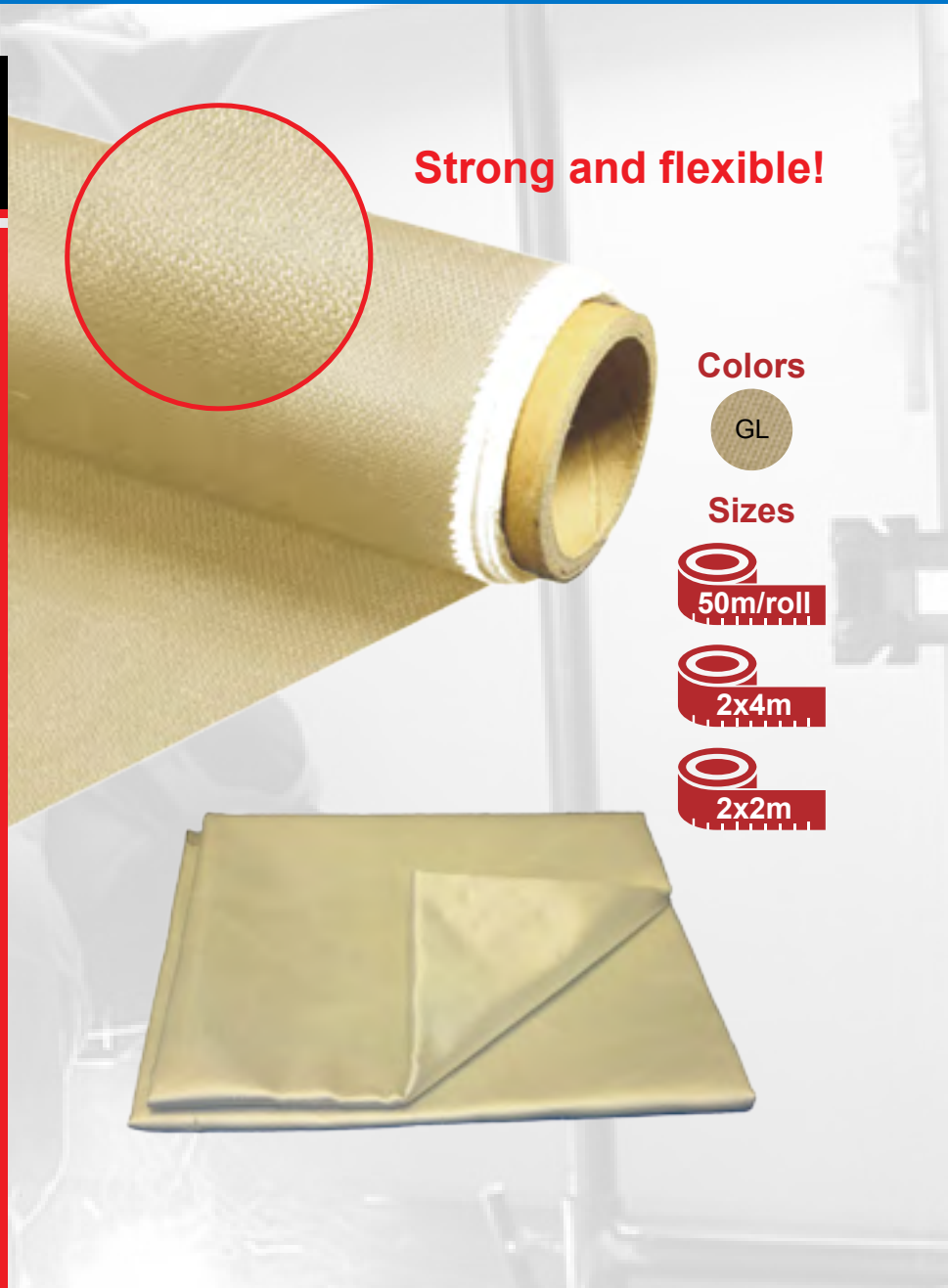
FIBERGLASS HIGH TEMPERATURE TEXTILE

Art No.: 7146FT199

Specifications & Features:

- Satin weaved that has a smooth loomstate finish which facilitates heat conduction & reflection away from the point of heat contact.
- Strong and flexible, the fabric is ideal for wrapping around uneven equipment surfaces to protect against unwanted heavy welding sprays.
- Protects your equipment and working area while welding.
- No heat transfer takes place between the blanket and protected surface, making it ideal for auto body and other thin sheet metal surfaces.

- Fiber Type: E-Glass Fiberglass
- Finish: Heat Treated - Vermiculite
- Service Temperature: 550°C
- Color: Gold



Strong and flexible!

Colors



Sizes



Product Performance & Specification		
Properties	Metric	
Weave	Satin	
Construction Thread count	(Warp) CC11 47 3x4 (Weft) CC11 47 3x4	
Thickness	1.7 mm	
Weight	1600±50g/m ²	
Width	101.6 ± 2 cm	40 ± 0.75 inch
Length	50 m ± 2	
Tensile Strength	(Warp) 11000 N per 5cm (Weft) 8500 N per 5cm	1222 lbs per inch 944 lbs per inch
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



THERMOGLASS HIGH TEMPERATURE TEXTILE

Art No.: 7124FT195

Specifications & Features:

- Thermoglass have a non-woven coating of a non-inflammable fiber mixture providing a physiological non-dangerous surface and have a good tensile strength of well-known thermoglass cloth.
- High quality temperature resistant materials for many applications on basis of outstanding technological standards.
- Have excellent technical properties and constant quality
- Ideal material in the application of low and high temperatures as well as acoustic insulation.

- Fiber Type: E-Glass - Thermoglass
- Finish: Silicon (Two sides)
- Service Temp.: 550°C
- Color: White



Optimum technical performance!

Colors



Sizes



HIGH TEMPERATURE TEXTILES

Product Performance & Specification		
Properties	Metric	Test Method
Weave	4H Satin	
Construction	(Warp) 18.6 /cm	DIN 60850 T.2
Thread count	(Weft) 12.2 /cm	DIN 60850 T.2
Weight	460 ± 10g/m ²	ASTM D3776-96
Thickness	0.43 ± 0.03 mm	ASTM D1777-96
Width	100 cm	ASTM D3776-96
Length	50 m ± 2	
Tensile Strength	(Warp) (Fill)	ASTM D5034-95 ASTM D5034-95
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



THERMOGLASS HIGH TEMPERATURE TEXTILE

Art No.: 7124FT197

Specifications & Features:

- Thermoglass have a non-woven coating of a non-inflammable fiber mixture providing a physiological non-dangerous surface and have a good tensile strength of well-known thermoglass cloth.
- High quality temperature resistant materials for many applications on basis of outstanding technological standards.
- Have excellent technical properties and constant quality
- Ideal material in the application of low and high temperatures.

- Fiber Type: E-Glass - Thermoglass
- Finish: Acrylic finish
- Service Temp.: 550°C
- Color: White



Ideal for low and high temperatures!

Colors



Sizes



Product Performance & Specification		
Properties	Metric	Test Method
Weave	Crowfoot	
Construction	(Warp) 18 ±1 ends/cm (Fill) 12.6 ±1 ends/cm	ASTM D 3775-96 ASTM D 3775-96
Weight	450 ± 30 g/m ²	ASTM D3776-96
Thickness	0.4 ± 0.06 mm	ASTM D1777-96
Width	100 ± 1 cm	ASTM D3776-96
Tensile Strength	(Warp) 4239 N/5cm (Fill) 3294 N/5cm	ASTM D5034-95 ASTM D5034-95
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



THERMOGLASS HIGH TEMPERATURE TEXTILE

Art No.: 7124FT196

Specifications & Features:

- Medium weight woven thermoglass fabric, acrylic weaveset finished, medium add-on to improve fabric processing in sewing & laminating.
- It's used for flexible expansion joints, removable jackets, hull board and other types of fire control systems.
- Thermo fabric have a non-woven coating of a non-inflammable fiber mixture giving non-dangerous surface and have a good tensile strength of well-known thermoglass cloth.

- Fiber Type: Thermoglass
- Finish: Acrylic finish
- Service Temp.: 550°C
- Color: White



Excellent tensile strength!

Colors



Sizes



HIGH TEMPERATURE TEXTILES

Product Performance & Specification

Properties	Metric	Test Method
Weave	Crowfoot	
Construction	(Warp) 18 ±1 ends/cm (Fill) 12.6 ±1 ends/cm	ASTM D 3775-96 ASTM D 3775-96
Weight	450 ± 30 g/m ²	ASTM D3776-96
Thickness	0.4 ± 0.06 mm	ASTM D1777-96
Width	100 ± 1 cm	ASTM D3776-96
Tensile Strength	(Warp) 4239 N/5cm (Fill) 3294 N/5cm	ASTM D5034-95 ASTM D5034-95
Application	<ul style="list-style-type: none"> • as insulation & protection applications, such as sealing, packaging, protective screens • as drop cloth for welding & fire curtains • as reinforcement for acid resistant composites for filtration of molten metal & furnace exhaust, etc. 	



TARPAULIN

Art No.: 3389FT107

**High tensile strength
and stability!**

Specifications & Features:

- Cotton canvas tarpaulins has a very high tensile strength as well as a good dimensional stability.
- Rot/mild resistant and water proof treated
- Combination of Premium quality cotton natural fibers.
- Perfect use in a wide range of industrial works.
- Stitching: Double stitching on all seams & stress point are reinforced

- Fiber Type: 100% Cotton Canvas
- Coating: Waterproof / Rot proof treated
- Seam: All around



Colors



Sizes



HIGH TEMPERATURE TEXTILES



Product Performance & Specification

Weight: 21 Oz (595g/m ²)	Seam: All around
Seam width: 65mm	Seam distance: 20mm
Eyelets: 25mm Brass eyelets	Eyelet distance: 1000mm



CUSTOMIZATION PROGRAM OF AVIRTEX HIGH TEMPERATURE TEXTILES

Size and stitching as per Client's Requirements

Custom made size blankets are stitched with fibre glass texturized stitching thread, which bears high tensile strength, heat resistance and resistance against water, acids and organic solvents.

Length of the blanket to be sewn together with an overlap of atleast 20-25mm (1") with a straight flat stick, distance between the seams approx. 20mm ($\frac{3}{4}$ "). The overlap round the blanket to be 25mm (1") atleast, properly secured heavy duty brass eyelets around the blanket as specified by the client.

Secured with heavy duty brass eyelets fitted on double edged part at a distance of 100mm between centers on all four sides of blanket.

Optional Accessories

10mm \varnothing diameter brass eyelets
pressed into the fabric



1 inch velcro closure
(custom sizes also available)





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