



High Temperature Industrial Textiles

Who we are

We've been manufacturing and supplying High temperature textiles in Australia for over 40 years. Today, we manufacture in Australia and internationally to ensure our customers receive high quality products at competitive prices.

What we do

We offer an extensive range of cost effective, high performance fabrics to meet the stringent needs of the thermal insulation industry.

How we can help you

We provide a solution for your High temperature textile requirements. With our tailor-made solution we can: optimise insulation properties, experiment with various fibre types, fabric finishes and customised thicknesses and widths.

Choosing your product

When selecting the most suitable product for your insulation or protection application, there are several important factors that need to be carefully considered. The selection criteria should include:

- The continuous operating temperature to which the insulation medium will be exposed.
- Operating environment i.e. corrosive, indoor/outdoor, static/vibrating, molten metal.
- Temperature reduction i.e. hot face to cold face.
- The need to be air tight i.e.
- Permeability and porosity.
- Expected life of the insulation/protection item.

Coating	Performance						
	Weather Proof	Abrasion	Water repellence	Oil/Grease Resistance	Temperature Resistance	Chemical Resistance	Cost
Aluminized fiberglass Fabric	✓✓	✓	✓	✓✓	✓✓	✓✓	✓✓
Silicone Coated fiberglass Fabric	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓	✓✓
Polyurethane Coated fiberglass Fabric	✓✓	✓✓✓	✓✓	✓✓	✓✓	✓✓	✓✓✓
Neoprene Coated fiberglass	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓	✓✓
PVC Coated Fibreglass fabric	✓✓	✓✓	✓✓✓	✓✓	✓	✓	✓✓
Weave-Lock finished Fibreglass fabric	✓	✓✓	✓	✓	✓✓	✓	✓✓✓
Calcium Silicate treated Fibreglass fabric	✓✓	✓✓✓	✓	✓✓	✓✓✓	✓✓	✓✓
Graphite treated fiberglass fabric	✓✓	✓✓	✓	✓✓	✓✓✓	✓✓	✓✓
Vermiculite coated Fibreglass fabric	✓	✓✓✓	✓	✓✓	✓✓✓	✓✓	✓✓
Vermiculite coated Ceramic fabric	✓	✓✓✓	✓	✓✓	✓✓✓	✓✓	✓✓
Fluorine rubber coated Fibreglass fabric	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓✓	✓✓✓
Re-wettable Fibreglass fabric	✓	✓✓	✓	✓✓	✓✓	✓✓	✓✓
Vermiculite coated Silica-glass fabric	✓	✓✓✓	✓	✓✓	✓✓✓	✓✓	✓✓✓

Coated, Impregnated and Laminated Fabrics

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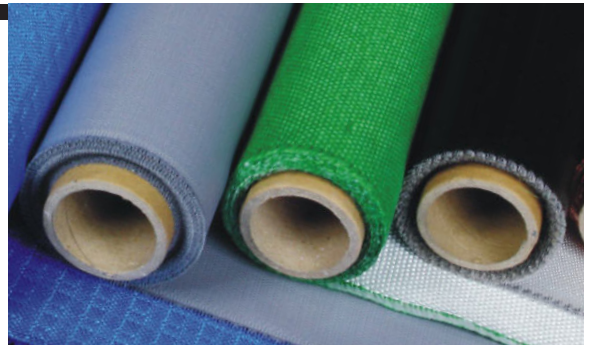
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Coated, Impregnated and Laminated Fabrics



Silicone Coated Fibreglass Fabrics

We have a wide range of Silicone coated fabrics available. From very light fabrics with light coatings to heavier fabrics with denser coatings. We offer a suitable product whatever your application. Silicone coated fabrics offer excellent resistance to liquids and gases and can operate under high temperatures. Our silicone coated range of fabrics comes in either a single side or a double sided coating, in a variety of weights, colours and widths.



Main Applications

Insulation jackets, mattress and pads
Fabric Expansion joints
Fabric ductwork connector
Fire Doors and Fire Curtains
Welding/Fire Blankets
Other Fire Control Systems

Material Performance

Maximum Operating Temperature	300°C
Continuous Operating Temperature	250°C
Weather Proof	Excellent
Anti-Abrasion	Excellent
Water-Repellence	Excellent
Oil/Grease Resistance	Excellent
Chemical Resistance	Excellent

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF280S2W100	E-glass Filament	Double Side Silicone White	Crowsfoot	280 g/m ²	0.23 mm	1000 mm	50 mtrs
STF510S1G100	E-glass Filament	Single Side Silicone Grey	Crowsfoot	510 g/m ²	0.40 mm	1550 mm	50 mtrs
STF560S2G150	E-glass Filament	Double Side Silicone Grey	Crowsfoot	560 g/m ²	0.42 mm	1500 mm	50 mtrs
STF920S1R120	E-glass Filament	Single Side Silicone Red	Crowsfoot	920 g/m ²	0.70 mm	1200 mm	50 mtrs
STF920S1R160	E-glass Filament	Single Side Silicone Red	Crowsfoot	920 g/m ²	0.70 mm	1600 mm	50 mtrs
STF960S2G100	E-glass Filament	Double Side Silicone Grey	Crowsfoot	960 g/m ²	0.72 mm	1000 mm	50 mtrs
STF1080S2R100	E-glass Filament	Double Side Silicone Red	Plain	1080 g/m ²	0.95 mm	1000 mm	50 mtrs
STF1380S2G100	E-glass Filament	Double Side Silicone Grey	Twill	1380 g/m ²	1.00 mm	1000 mm	50 mtrs
STF1950S2R100	E-glass Texturised	Double Side Silicone Red	Plain	1950 g/m ²	1.20 mm	1000 mm	50 mtrs

PVC Coated Fibreglass Fabrics

Our PVC coated fibreglass fabrics are fire-resistant and weather and water repellent. Colan uses a specially formulated vinyl polymer coating which ensures the end user can effectively cut, sew and hot weld the fabric.



Main Applications

Flexible hose and ductwork connection
Window Screen
Thermal Insulation Covers

Material Performance

Maximum Operating Temperature	150°C
Continuous Operating Temperature	120°C
Weather Proof	Good
Anti-Abrasion	Good
Water-Repellence	Excellent
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF300PVC127	E-glass Texturised	PVC Coated	Crowsfoot	300 g/m ²	0.25 mm	1000 mm	50 mtrs
STF300PVC127	E-glass Texturised	PVC Coated	Crowsfoot	300 g/m ²	0.25 mm	1270 mm	50 mtrs

Polyurethane (PU) coated Fibreglass Fabrics

Our Polyurethane (PU) coated fibreglass fabrics are made with a specially formulated Polyurethane polymer which can withstand temperatures of up to 180° C in short bursts. This coating offers high abrasion and fire resistance for use in many applications. Our Polyurethane coated fabric range come in either a single side or a double sided coating, in a variety of weights, colours and widths.



Main Applications

Fabric air distribution ducts
Fabric Ductwork connector
Fire Doors & Fire Curtains
Welding / Fire Blankets
Other fire and smoke control systems

Material Performance

Maximum Operating Temperature	180°C
Continuous Operating Temperature	150°C
Weather Proof	Good
Anti-Abrasion	Excellent
Water-Repellence	Good
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF220PU2R100	E-glass Filament	Polyurethane Coated Red	Plain	220 g/m ²	0.21 mm	1000 mm	50 mtrs
STF460PU2G100	E-glass Filament	Polyurethane Coated Grey	Crowsfoot	460 g/m ²	0.40 mm	1000 mm	50 mtrs
STF690PU2G100	E-glass Filament	Polyurethane Coated Grey	Twill	690 g/m ²	0.65 mm	1000 mm	50 mtrs
STF1070PU2GR100	E-glass Texturised	Polyurethane Coated Grey	Plain	1070 g/m ²	1.50 mm	1000 mm	50 mtrs

Weave-set finished Fibreglass fabric

Our Weave-set fabrics are treated with an acrylic/Polyurethane binder to stabilise the fabric. This finish aids further fabrication by increasing stiffness and reducing fray. The fabricator can easily cut, sew and punch holes in the fabric. The added binder will burn at 180°C. Our Weave-set finished fibreglass fabrics come in a range of weights, colours and widths.



Main Applications

Hullboard
Welding Blankets
Fire doors / Fire Curtains
Other fire control systems

Material Performance

Maximum Operating Temperature	180°C
Continuous Operating Temperature	160°C
Weather Proof	Moderate
Anti-Abrasion	Good
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF205WSW100	E-glass Filament	Weave Set White	Plain	205 g/m ²	0.20 mm	1000 mm	50 mtrs
STF440WSW100	E-glass Filament	Weave Set White	Plain	440 g/m ²	0.40 mm	1000 mm	50 mtrs
STF610WSG100	E-glass Filament	Weave Set White	Plain	690 g/m ²	0.65 mm	1000 mm	50 mtrs
STF960WSY100	E-glass Texturised	Weave Set White	Plain	960 g/m ²	1.15 mm	1000 mm	50 mtrs

Vermiculite Coated Fibreglass, Silica-glass and Ceramic fabrics

Our range of Vermiculite coated fabrics offer high temperature and abrasion resistance. The Vermiculite coating greatly improves the fabrics resistance to extreme temperatures. This coating is available with Fibreglass, Silica-glass or Ceramic fibre fabrics. These fabrics offer a continuous operating temperature of up to 800°C with a maximum of 1000°C for Fibreglass fabrics and up to 1200°C for Silica-glass and Ceramic fibre fabrics.



Main Applications

Heavy Duty Welding Protection
Fire Doors & Smoke Curtains
Removable Insulation Covers, Mattress and Pads
Fire Control Systems
Thermal Barrier

Material Performance

Maximum Operating Temperature:	
Fibreglass	1000°C
Silica & Ceramic Fibre	1200°C
Continuous Operating Temperature	800°C
Weather Proof	Moderate
Anti-Abrasion	Excellent
Water-Repellence	Moderate
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF1080TF100	E-glass Texturised	Vermiculite Coated	Plain	1080 g/m ²	1.50 mm	1000 mm	50 mtrs
STF1780TF100	E-glass Texturised	Vermiculite Coated	Plain	1780 g/m ²	2.50 mm	1000 mm	50 mtrs
STF2180TF100	E-glass Texturised	Vermiculite Coated	Plain	2180 g/m ²	3.00 mm	1000 mm	25 mtrs
STG600930	Silica glass Filament	Vermiculite Coated	Satin	690 g/m ²	0.76 mm	930 mm	50 mtrs
STSG1200930	Silica glass Filament	Vermiculite Coated	Satin	1300 g/m ²	1.40 mm	930 mm	50 mtrs
STCF1630TF100	Ceramic Fibre	Vermiculite Coated	Plain	1630 g/m ²	3.0 mm	1000 mm	50 mtrs

Aluminium Foil/Film Laminated Fabrics

Foil-laminated fibreglass fabrics are made by laminating an aluminium-film heat-shield to a layer of woven fibreglass insulation. This protects personnel or equipment by reflecting radiant heat. We use a high-temperature adhesive to ensure a maximum working temperature of up to 150° C is achieved. Our foil laminated fabrics are available with either a single side or double side facing. Base fabric is available in a range of thicknesses and widths.



Main Applications

Heat retardant curtains or screens
Thermal insulation covers
Welding Fire protection
Safety Cloth and Apron
Other Fire and Smoke Control Systems

Material Performance

Maximum Operating Temperature	150°C
Continuous Operating Temperature	120°C
Weather Proof	Good
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF250AL100	E-glass Filament	Aluminum Foil laminated	Plain	250 g/m ²	0.21 mm	1000 mm	50 mtrs
STF470AL100	E-glass Filament	Aluminum Foil laminated	Plain	470 g/m ²	0.42 mm	1000 mm	50 mtrs
STF600AL100	E-glass Filament	Aluminum Foil laminated	Plain	630 g/m ²	0.75 mm	1520 mm	50 mtrs
STF1000AL100	E-glass Texturised	Aluminum Foil laminated	Plain	1050 g/m ²	1.5 mm	1000 mm	50 mtrs

Neoprene Coated Fibreglass fabrics

Fibreglass fabrics coated with Fire Retardant Neoprene offer excellent fire resistance properties. The synthetic rubber coating also provides high resistance to chemicals and liquids. Colan offers Neoprene coated fibreglass fabrics in either a single side or a double sided coating. Our range includes a variety of weights and widths.



Main Applications

Flexible Ductwork
Welding Blankets
Other Fire Control Systems

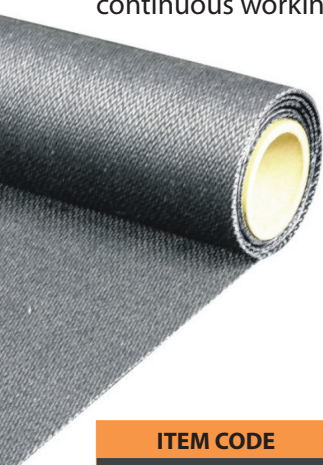
Material Performance

Maximum Operating Temperature	180°C
Continuous Operating Temperature	120°C
Weather Proof	Excellent
Anti-Abrasion	Excellent
Water-Repellence	Excellent
Oil/Grease Resistance	Excellent
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF500FRN100	E-glass Filament	Neoprene Coated 2 Side	Plain	500 g/m ²	0.35 mm	1000 mm	50 mtrs
STF600FRN100	E-glass Filament	Neoprene Coated 2 Side	Plain	600 g/m ²	0.45 mm	1000 mm	50 mtrs
STF900FRN100	E-glass Filament	Neoprene Coated 2 Side	Plain	900 g/m ²	0.90 mm	1000 mm	50 mtrs

Graphite Treated Fibreglass fabric

Our range of graphite treated fibreglass fabrics offer a high temperature rating and excellent abrasion resistance. The continuous working temperature is up to 700° C, with short bursts of up to 750° C.



Main Applications

Removable Insulation Mattress, jackets and pads
Fire Doors / Smoke Curtains
Dust Filter Bag
Flexible expansion joints and compensators
Vibration / Pulsation applications

Material Performance

Maximum Operating Temperature	750°C
Continuous Operating Temperature	700°C
Weather Proof	Good
Anti-Abrasion	Excellent
Water-Repellence	Moderate
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF1000GR100	E-glass Texturised	Graphite Coated	Plain	1100 g/m ²	1.50 mm	1000 mm	50 mtrs
STF1400GR100	E-glass Texturised	Graphite Coated	Plain	1400 g/m ²	2.00 mm	1000 mm	50 mtrs
STF2300GR100	E-glass Texturised	Graphite Coated	Plain	2300 g/m ²	3.00 mm	1000 mm	25 mtrs
STF2650GR100	E-glass Texturised	Graphite Coated	Twill	2650 g/m ²	3.20 mm	1000 mm	25 mtrs

Calcium Silicate Coated Fibreglass Fabrics

This heavy weight woven fibreglass fabric is treated with a special calcium-silicate solution which provides high temperature and abrasion resistance. Our Calcium Silicate coated Fibreglass fabrics are available in a range of weights and widths.



Main Applications

Removable insulation, Jackets and pads
Fire Doors / Smoke Curtain
Dust Filter Bag
Flexible expansion joints and compensators

Material Performance

Maximum Operating Temperature	750°C
Continuous Operating Temperature	700°C
Weather Proof	Good
Anti-Abrasion	Excellent
Water-Repellence	Moderate
Oil/Grease Resistance	Good
Chemical Resistance	Good

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF1100CSG100	E-glass Texturised	Calcium Silicate Grey	Plain	1100 g/m ²	1.50 mm	1000 mm	50 mtrs
STF1780CSG100	E-glass Texturised	Calcium Silicate Grey	Plain	1780 g/m ²	2.10 mm	1000 mm	50 mtrs

Other Fibreglass coated fabrics available.

Further to the above range Colan offer the following coating options:

- Re-wettable Fibreglass fabric
- PTFE Coated fabric
- EPDM rubber coated fibreglass fabric
- Fluoride rubber coated fibreglass fabric
- Hypalon coated fibreglass fabric

Loom-state Industrial Fabrics



Filament Fibreglass Fabrics

Woven Fibreglass fabrics offer the best control over thickness, weight and strength. Fabricators can choose from a wide range of fabrics to satisfy their design needs and meet specific objectives.

Filament yarn

Colan's woven filament fibreglass fabrics offer a variety of weights ranging from 100g/m² to 2000g/m². Stainless steel wire reinforced fibreglass fabrics are also produced where additional strength is required.



Main Applications

Thermal Insulation
Heat Protection
Base Materials for coating,
impregnating and laminating

Material Performance

Maximum Operating Temperature	600°C
Continuous Operating Temperature	550°C
Weather Proof	Moderate
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF200LS100	E-glass Filament	Loom-state	Plain	200 g/m ²	0.20 mm	1000 mm	50 mtrs
STF430LS100	E-glass Filament	Loom-state	8H Satin	430 g/m ²	0.37 mm	1000 mm	50 mtrs
STF660LS100	E-glass Filament	Loom-state	Plain	660 g/m ²	0.65 mm	1000 mm	50 mtrs
STF880LS100	E-glass Filament	Loom-state	Plain	880 g/m ²	0.75 mm	1000 mm	50 mtrs
STF1800LS100	E-glass Filament	Loom-state	12H Satin	1756 g/m ²	1.65 mm	1000 mm	50 mtrs
STF660LSWF100	E-glass Filament	Loom-state Wire Reinforced	8H Satin	660 g/m ²	0.65 mm	1000 mm	50 mtrs
STF1200LSWF100	E-glass Filament	Loom-state Wire Reinforced	Plain	1200 g/m ²	1.0 mm	1000 mm	50 mtrs

Texturised Fibreglass Fabric

Our Texturised fibreglass fabrics are woven using texturised E-glass yarns with a 9µm or a 6µm diameter. The yarn is put through an air-bulking process, increasing the yarns volume and thickness. This enhances the insulation properties of the woven fabric. Colan's range of Texturised fibreglass fabrics are available in a range of weights and widths.



Main Applications

Welding protection
Removable Pads
Fabric Expansion joints
Acoustic Insulation

Material Performance

Maximum Operating Temperature	600°C
Continuous Operating Temperature	550°C
Weather Proof	Moderate
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF290LS100	E-glass Texturised	Loom-state	Plain	290 g/m ²	0.38 mm	1000 mm	50 mtrs
STF580LS100	E-glass Texturised	Loom-state	Plain	580 g/m ²	0.75 mm	1000 mm	50 mtrs
STF880LS100	E-glass Texturised	Loom-state	Crowsfoot	880 g/m ²	1.10 mm	1000 mm	50 mtrs
STF1020LS100	E-glass Texturised	Loom-state	Plain	1020 g/m ²	1.40 mm	1000 mm	50 mtrs
STF1200LS100	E-glass Texturised	Loom-state	Plain	1200 g/m ²	1.70 mm	1000 mm	50 mtrs
STF1780LS100	E-glass Texturised	Loom-state	Plain	1780 g/m ²	2.50 mm	1000 mm	50 mtrs
STF2050LS100	E-glass Texturised	Loom-state	Plain	2050 g/m ²	3.00 mm	1000 mm	50 mtrs
STF2800LS100	E-glass Texturised	Loom-state	Twill	2800 g/m ²	4.00 mm	1000 mm	50 mtrs
STF1100LSWF100	E-glass Texturised	Loom-state Wire Reinforced	Plain	1100 g/m ²	1.5 mm	1000 mm	50 mtrs

Silica-glass Fabrics

Silica fabrics can be effectively used at a steady temperature of up to 1000° C. The silica fabric has been specially developed for use in applications requiring protection in extreme temperature environments. Silica-glass fabrics have excellent chemical resistance and electrical insulation properties.



Main Applications

Welding protection
Heat Shields
Furnace Curtain
Stress Relieving Blanket

Material Performance

Maximum Operating Temperature	1050°C
Continuous Operating Temperature	1000°C
Weather Proof	Low
Anti-Abrasion	High
Water-Repellence	Low
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STSG600930	Silica Glass	Vermiculite	Satin Weave	600 g/m ²	0.76 mm	930 mm	50 mtrs
STSG1200930	Silica Glass	Vermiculite	Satin Weave	1200 g/m ²	1.40 mm	930 mm	50 mtrs

Ceramic Fibre Fabrics

Ceramic fabrics have excellent thermal insulation properties over a wide temperature range, and do not melt until temperatures exceed 1600° C. These fabrics also have excellent chemical resistance. Colan offers ceramic fabrics with either fibreglass or wire reinforcement.



Main Applications

Insulation Blanket
Extreme High Temperature Applications
Fabric Expansion joints
Acoustic Insulation

Material Performance

Maximum Operating Temperature	1600°C
Continuous Operating Temperature	1000°C
Weather Proof	Moderate
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STCF1000GF100	Ceramic Fibre	Glass Reinforced	Twill Weave	1000 g/m ²	2.00 mm	1000 mm	50 mtrs
STCF1500GF100	Ceramic Fibre	Glass Reinforced	Twill Weave	1500 g/m ²	3.00 mm	1000 mm	50 mtrs
STCF1000WR100	Ceramic Fibre	S.S Wire Reinforced	Twill Weave	1000 g/m ²	2.00 mm	1000 mm	50 mtrs
STCF1500WR100	Ceramic Fibre	S.S Wire Reinforced	Twill Weave	1500 g/m ²	3.00 mm	1000 mm	50 mtrs

Caramelised (Heat treated) Fibreglass Fabrics

Caramelised or 'heat-treated' fabrics are made by passing a Fibreglass loomstate fabric through a high temperature oven. This process burns any oils and imperfections that the fabric attracts during the weaving phase. Heat treating fibreglass fabrics also ensures the fabric does not emit smoke when used in high temperature applications.



Main Applications

Welding protection
Insulation Blanket
Fabric Expansion Joints
Acoustic Insulation

Material Performance

Maximum Operating Temperature	600°C
Continuous Operating Temperature	550°C
Weather Proof	Moderate
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STF640CR100	E-glass Texturised	Caramelised	Plain	640 g/m ²	0.63 mm	1000 mm	50 mtrs
STF1150CR100	E-glass Texturised	Caramelised	Plain	1150 g/m ²	1.70 mm	1000 mm	50 mtrs
STF1780CR100	E-glass Texturised	Caramelised	Plain	1780 g/m ²	2.50 mm	1000 mm	50 mtrs
STF1100CRWF100	E-glass Texturised	Caramelised Wire Reinforced	Plain	1100 g/m ²	1.5 mm	1000 mm	50 mtrs

Fibreglass

Tapes and Ropes



Fibreglass Tapes

Our range of Fibreglass tapes are made from texturised fibreglass yarn. This creates a thick and soft woven tape with excellent thermal properties. Our tapes offer a high operating temperature of 550°C and are resistance to most oils, solvents and chemicals. Our range is extensive, covering thicknesses from 0.8 mm to 6.0 mm and widths from 25 mm to 150 mm.



Main Applications

Pipe Wrapping
Hose & Valve Insulation
Exhaust Pipe Insulation
Gaskets
Boiler Door Seals

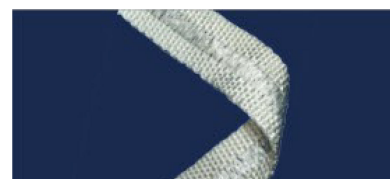
Material Performance

Maximum Operating Temperature	600°C
Continuous Operating Temperature	550°C
Weather Proof	Moderate
Anti-Abrasion	Moderate
Water-Repellence	Moderate
Oil/Grease Resistance	Moderate
Chemical Resistance	Moderate

ITEM CODE	FIBRE TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STT08050	E-glass Texturised	Loomstate	Plain	795 g/m ²	0.8 mm	50 mm	30 mtrs
STT15025	E-glass Texturised	Loomstate	Plain	790 g/m ²	1.5 mm	25 mm	30 mtrs
STT15050	E-glass Texturised	Loomstate	Plain	790 g/m ²	1.5 mm	50 mm	30 mtrs
STT15075	E-glass Texturised	Loomstate	Plain	790 g/m ²	1.5 mm	75 mm	30 mtrs
STT15100	E-glass Texturised	Loomstate	Plain	790 g/m ²	1.5 mm	100 mm	30 mtrs
STT30025	E-glass Texturised	Loomstate	Plain	1430 g/m ²	3.0 mm	25 mm	30 mtrs
STT30050	E-glass Texturised	Loomstate	Plain	1430 g/m ²	3.0 mm	50 mm	30 mtrs
STT30075	E-glass Texturised	Loomstate	Plain	1430 g/m ²	3.0 mm	75 mm	30 mtrs
STT30100	E-glass Texturised	Loomstate	Plain	1430 g/m ²	3.0 mm	100 mm	30 mtrs
STT60025	E-glass Texturised	Loomstate	Plain	2750 g/m ²	6.0 mm	25 mm	15 mtrs
STT60050	E-glass Texturised	Loomstate	Plain	2750 g/m ²	6.0 mm	50 mm	15 mtrs
STT60075	E-glass Texturised	Loomstate	Plain	2750 g/m ²	6.0 mm	75 mm	15 mtrs
STT60100	E-glass Texturised	Loomstate	Plain	2750 g/m ²	6.0 mm	100 mm	15 mtrs

Fibreglass Ladder Tape

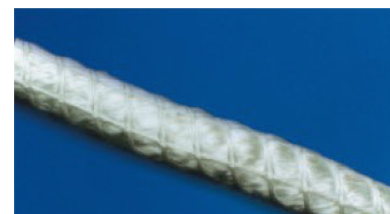
Ladder tape is made by removing yarns through the centre of the woven tape, creating a ladder effect. These tapes are useful in the sealing of furnaces, ovens and where bolt-holes are required in fabrication.



ITEM CODE	GLASS TYPE	FINISH	WEAVE	WEIGHT	THICKNESS	WIDTH	ROLL SIZE
STL30025	E-glass Texturised	Loomstate	Ladder	750 g/m ²	3.0 mm	25 mm	30 mtrs
STL30040	E-glass Texturised	Loomstate	Ladder	860 g/m ²	3.0 mm	40 mm	30 mtrs
STL30050	E-glass Texturised	Loomstate	Ladder	830 g/m ²	3.0 mm	50 mm	30 mtrs
STL30075	E-glass Texturised	Loomstate	Ladder	1000 g/m ²	3.0 mm	75 mm	30 mtrs
STL300100	E-glass Texturised	Loomstate	Ladder	1120 g/m ²	3.0 mm	100 mm	30 mtrs

Fibreglass Rope lagging

Our range of Fibreglass rope lagging is made with a texturised glass fibre core then finished with a fibreglass yarn braid on the outside. It is light weight, high in strength and has low thermal conductivity. Fibreglass ropes are used as an asbestos replacement. Applications include a range of sealing and heat insulation applications.



ITEM CODE	FIBRE TYPE	FINISH	STYLE	THICKNESS	WIDTH	ROLL SIZE
SGRL01200	E-glass Texturised	Loomstate	Lagging	12 mm	12 mm	30 mtrs
SGRL01500	E-glass Texturised	Loomstate	Lagging	15 mm	15 mm	30 mtrs
SGRL02000	E-glass Texturised	Loomstate	Lagging	20 mm	20 mm	30 mtrs
SGRL03000	E-glass Texturised	Loomstate	Lagging	30 mm	30 mm	30 mtrs
SGRL04000	E-glass Texturised	Loomstate	Lagging	40 mm	40 mm	30 mtrs
SGRL05000	E-glass Texturised	Loomstate	Lagging	50 mm	50 mm	30 mtrs

Other Ropes we supply:

Twisted Fibreglass Rope

Features: Strong and Flexible

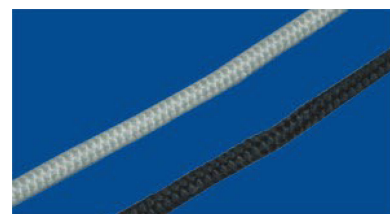
Applications: Furnace door Seal, Manhole Door seal



Fibreglass "Stretchy" Rope

Features: Elastic, soft, black or white available

Applications: Oven sealant



Fibreglass Braided Rope (Packing)

Features: Heavy weight, excellent thermal properties

Applications: Furnace sealant

