

# Insulation Products





GLASS FIBRE PRODUCTS

## CHEMICAL ANALYSIS OF FIBRE PRODUCTS

SiO <sub>2</sub>	54.5%	CaO	17.0%
Al <sub>2</sub> O <sub>3</sub>	14.5%	MgO	4.5%
Fe <sub>2</sub> O <sub>3</sub>	0.5%	Others	1.5%
B <sub>2</sub> O <sub>3</sub>	7.5%		

## TECHNICAL DATA

E-GLASS PRODUCTS are made from yarns that are a highly texturized form of Silica.

KAMMTEX fabrics with our proprietary, one-side treatment provide :

- \* Excellent cutting, sewing and handling
- \* Heat properties ; 700 °C (1292 °F)
- \* High temperature capability
- \* Cold Properties ; -73 °C (-100 °F)
- \* Outstanding abrasion resistance
- \* Chemical Resistance: common acids, alkalize and solvents
- \* Molten metal splash protection
- \* Roll length, weight, and thickness tolerance : 10%
- \* Electrical/ Filtration: Non-conducting and high characteristics provide excellent electrical insulating properties. Its air permeability, chemical, and abrasion resistance made it a good filtration medium.
- \* Listed by Underwriters Laboratories UL 214
- \* UL 723 Flame Spread: 0 Smoke Density: 0 Fuel Contributed: 0
- \* U.S. Military Spec. MIL-COO20079H, MIL-I-24244C
- \* U.S. Coast Guard Spec. No. 164.009
- \* Specific Gravity : 2.54
- \* Meets or exceeds NFPA Spec. No. 701
- \* Moisture Absorbency (surface) : 0.3%
- \* Thermal Conductivity 1.05 K/Kgk
- \* Moisture Regain: none
- \* Tensile Strength : @72 °F 500,000 psi @700 °F 380,000 psi  
@1000 °F 250,000 psi
- \* Hysteresis : none

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## **WOVEN GLASS FIBRE CLOTH**

### **STYLE KT 2498**

**Dimensions** : Width 1000mm standard 1500mm on request Length 30 meters standard per roll Thickness 0.4 mm to 3.2 mm

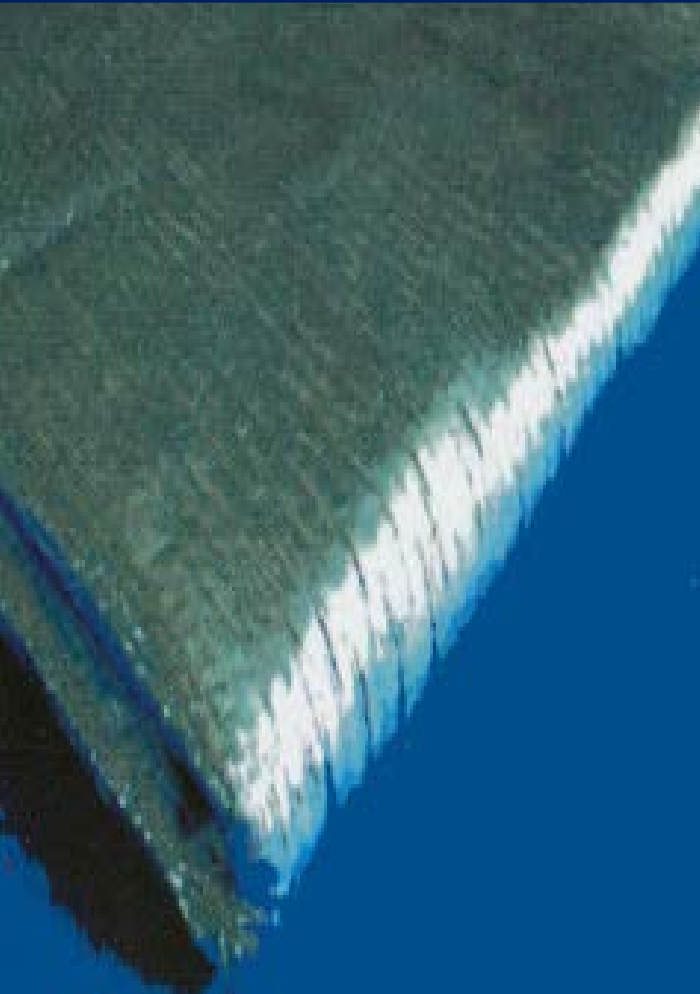
**Weight** : 300 g/m<sup>2</sup> to 2200 g/m<sup>2</sup> depending on its thickness

**Weave** : Plain Fabric cloth are available also in Heat Treated white color finish

**Application** : Welding cloths, protective clothing, finishing of insulation.

**[www.sealpro.co.th](http://www.sealpro.co.th)**

Direct Line 086-461-9629 Email: sealprocompany@gmail.com



**WOVEN GLASS FIBRE CLOTH  
(ALUMINUM FOIL)**

**STYLE KT 2499**

Dimensions : 0.5-3.0 (Thk) x 1000-1500mm (Width)  
x 30 M/Roll

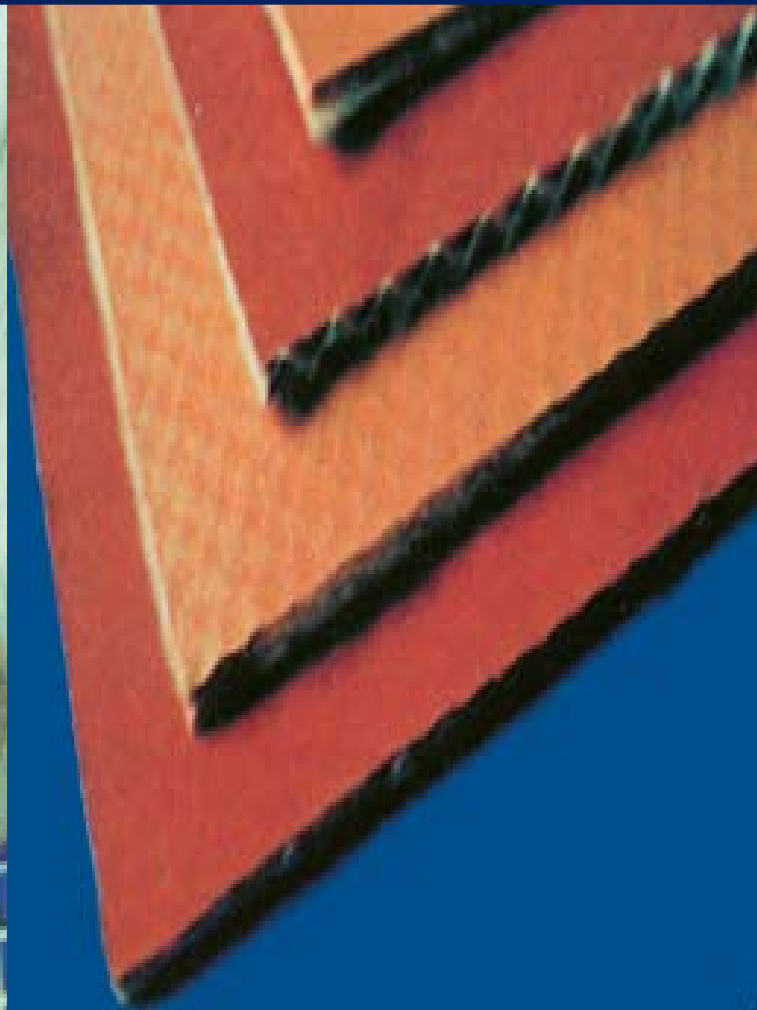
Applications : excellent heat radiation reflection to abrasion  
and crack

**WOVEN GLASS FIBRE CLOTH  
(SATIN FABRIC)**

**STYLE KT 2500**

Dimensions : 0.2-1.5 (Thk) x 1000-1500 mm (Width)  
x 50 M/roll

Applications : Stress relief blankets, furnace insulation and  
cable wrap



**WOVEN GLASS FIBRE CLOTH  
(MESH)**

**SILICA RUBBER COATED  
FABRIC**

**STYLE KT 2501**  
Dimensions : 1000 mm. -1800 mm. width  
Applications : Used as reinforced wall mash fabrics  
• GRC reinforced mesh fabrics  
• mesh for mosaics  
• backing mesh for stonework

**STYLE KT 2502**  
Dimensions : 0.5 - 3.0 mm (Thk) x 1000 mm (width) x 50 M/roll  
Application : heat shields, curtain, protection from molten metal splash, gasket and expansion joint fabric, landing pads for hot coils



## **SILICONE RUBBER COATED TAPE**

### **STYLE KT 2503**

**Dimensions** : 0.5 - 3.0 mm (Thk) x 10 - 200 mm  
(width) x30 M/roll

**Applications** : protection heat shields, curtain, protection from molten metal splash, gasket and expansion joint fabric, landing pads for hot coils

## **SILICA RUBBER COATED SELF ADHESIVE**

### **STYLE KT 2504**

**Dimensions** : 0.5-3.0mm (Thk) x 10 - 150mm (width)  
x 30M/roll

**Applications** : increasing the stability, cut resistant heat shields, protection from molten - metal splash, gasket and expansion joint fabric, landing pads for hot coils



## **WOVEN GLASS FIBRE TAPE**

### **STYLE 3510**

**Dimensions** : 0.5 - 3.0 mm(thk) x10-150mm  
(width) x 30 M/Roll

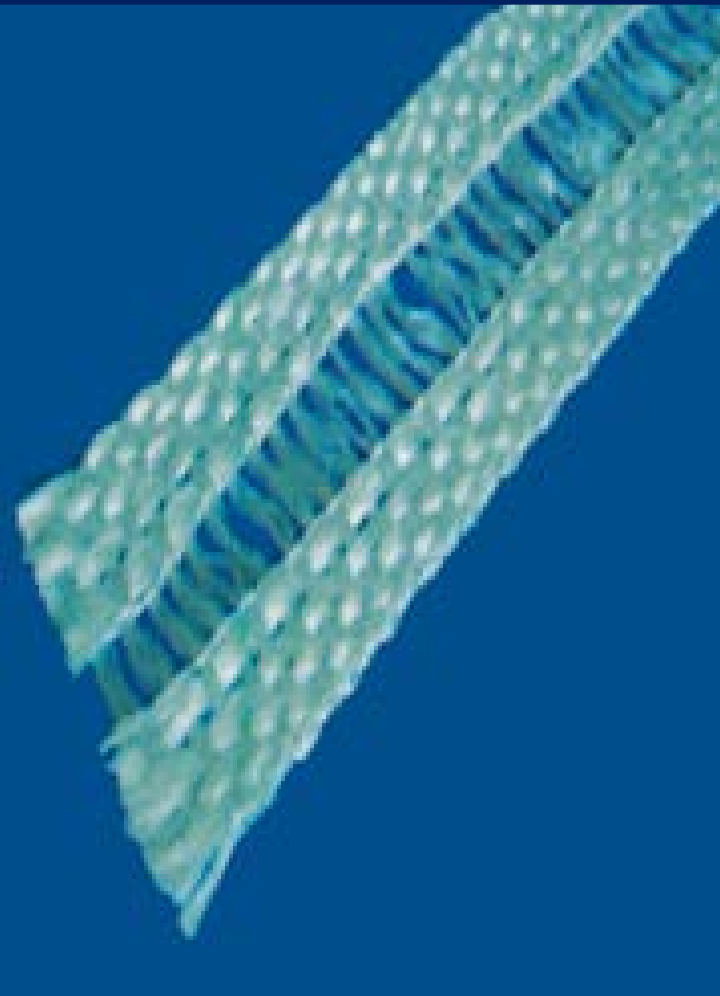
**Applications** : protecting cables from heat  
and fire, insulation for wrapping hot pipe,  
gasket vertical strip furnace curtains

## **WOVEN GLASS FIBRE TAPE WITH ADHESIVE ONE SIDE**

### **STYLE KT 3511**

**Dimensions** : 0.5-3.0 mm(thk) x10-150 mm  
(width) x30 M/Roll

**Applications** : insulation for wrapping hot pipe,  
increasing the stability cut resistance,  
protection against fraying



**WOVEN GLASS FIBRE TAPES  
BOLT HOLE TAPES**

**STYLE KT3512**

Dimensions : 0.5-3.0mm (thk) x10-150 mm  
(width) x 30 M/Roll

Applications : specially used in flange jointing  
with bolts

**WOVEN GLASS FIBRE TAPES  
AL FOIL ONE SIDE**

**STYLE KT 3513**

Dimensions : 0.5-3.0mm (thk)x10-150 mm  
(width) x 30 M/Roll

Applications : excellent heat reflection,  
resistant to abrasion and cracks





## **BRAIDED FIBRE ROPES**

### **STYLE KT 5119 (SQUARE) STYLE KT 5200 (ROUND)**

Supplied in round, square and rectangular section. Interlock braided constructions (18" and 316" plaited) Rope can be impregnated with PTFE, graphite and stainless steel or inconel wire reinforced on request.

**Dimensions :** 5-8mm 200M/roll 30mm 30M/roll  
10-15mm 100M/roll 40mm 20M/roll  
20-25mm 50M/roll 50mm 10M/roll

**Applications :** Static door seals for boilers, ovens, furnaces, kiln cars, heat exchanger, filter

## **TWISHED GLASS FIBRE TAPES**

### **STYLE KT 5221**

Twisted rope is produced from a number of single yarn twisted together. The diameter of the rope is determined by the number and thickness of the yarn being used. Rope can be reinforced with stainless steel or inconel wire on request.

**Dimensions :** 3-4mm 200M/roll 30mm 30M/roll  
5-12mm 100M/roll 40mm 20M/roll  
15-25mm 50 M/roll 50mm 10M/roll

**Applications:** Stove door seals, ovens, coke furnaces, thermal insulation of electrical wiring, wrapping round pipes.



## **KNITTED GLASS FIBRE ROPES**

### **STYLE KT 5222**

is a very flexible, soft, compressible material mainly used by cast iron stove producers. The flexibility is necessary because of the coarse surface of cast iron products.

**Dimensions** : 5-12mm 100 M/roll

**Other applications** : gasketing, caulking of oven and furnace doors, including wood stoves and expansion joints.

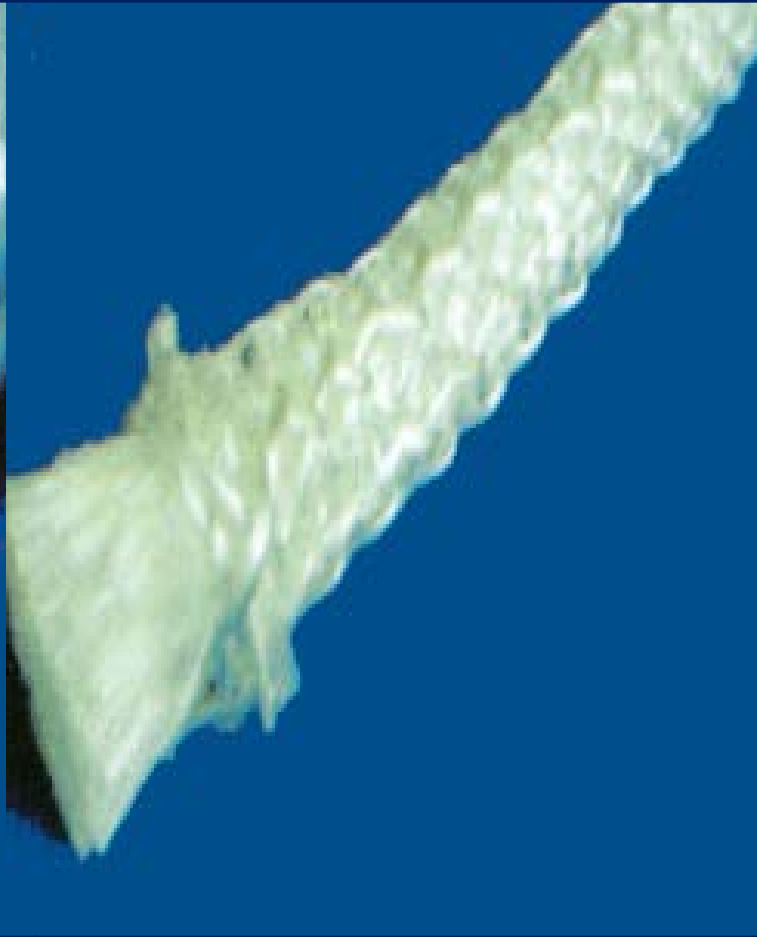
## **BRAIDED GLASS FIBRE SLEEVE /TUBE**

### **STYLE KT 5223**

1.5mm and 3.0mm wall thickness is standard

**Dimensions** : 10-50mm 30M/roll

**Applications:** Cable and wire Insulation, hose covering, protection for hydraulic and electrical cables, gasketing, thermal insulation, cover tubes and pipes, cables and flexibles can also be overbraided immediately in our factory. Sleeves can also be coated with Silicone or other Rubber.



**RECTANGLE BRAIDED GLASS  
FIBRE ROPES**

**STYLE KT 5224**

Dimensions : 5x8 mm -30x50 mm x50M/roll

Applications : coke furnace, stove and boiler, valve or pump.

Exchanger, kiln car, burner, chimney door sealing.

**KNITTED ROPE WITH GLASS  
FIBRE CORE**

**STYLE KT 5225**

Dimensions : 10-30 mm 100 M/roll

Applications : gasketing, caulking of oven and furnace,

filling of grooves doors, including wood stoves and expansion joints.