

高硅氧短切纱 Silica Fiber Chopped Yarn

将高硅氧纱线按一定的长度切割的产品。二氧化硅含量大于 95%，软化点接近 1700℃,可在 1000℃ 以下的高温环境中长期使用。

It is a product that cuts silica fiber yarn into a certain length. The content of SiO₂ is higher than 95%, and the softening point is close to 1700 °C. It can be used in high temperature environment below 1000 °C for a long time.

■特性

- 耐高温，热收缩率低
- 良好的化学稳定性
- 出色的电绝缘性能

■应用领域

- 加工高硅氧纤维毡
- 加工高硅氧混纺纺织品

■Characteristics

- High temperature resistance, low heat shrinkage.
- Good chemical stability.
- Excellent electric insulation.

■Applications

- Processing silica fiber mat
- Processing silica fiber blended textiles.



高硅氧短切纱
Silica Fiber Chopped Yarn

规格范围 (Specification Range)

纤维长度 (Fiber length) (mm)	3-950
纤维直径 (Fiber diameter) (μm)	7-10
SiO ₂ 含量(SiO ₂ content) (%)	>95
热失量 (Heat loss) (%)	≤8
含水率 (Water content) (%)	≤7
最高温度 (Maximum temperature) (°C)	≥1000

高硅氧纤维针刺毡 Silica Fiber Needled Mat

将高硅氧纤维短切纱梳理成棉，并以均匀的厚度连续铺开，再经针刺等工序加工成毯子状的耐高温产品。产品呈无定向三维结构，纤维层内结构呈曲折路径，孔隙尺寸小，孔隙率高。二氧化硅含量大于95%，软化点接近1700℃，可在1000℃下长期使用。

The silica fiber chopped yarn is combed into cotton, and continuously spread with uniform thickness, and then processed into blanket like high temperature resistant products through needling and other processes. The product has an astatic 3 dimensional structure. small hole, high porosity. The content of SiO₂ is higher than 95%, and the softening point is close to 1700 °C. It can be used in high temperature environment below 1000 °C for a long time.

■特性

- 良好的耐热性能，导热系数低
- 良好的化学稳定性
- 良好的电绝缘性能

■用途

- 工业领域高温过滤、高温绝热
- 汽车等交通工具的隔热、吸音、减震

■Characteristics

- High temperature resistance, low thermal conductivity.
- Good chemical stability.
- Excellent electric insulation.

■Applications

- High temperature insulation and high temperature filtration in industrial fields.
- Thermal insulation, sound absorption in automobile and other vehicles.



高硅氧纤维针刺毡
Silica Fiber Needled Mat

规格范围 (Specification Range)

厚度 (Thickness) (mm)	宽度 (Width) (mm)	热失量 (Loss on ignition) (%) (1000°C/1h)	SiO ₂ 含量 (SiO ₂ content) (%)
6.3	900~1000	≤5	>95
10	900~1000		
12.5	900~1000		
25	900~1000		

高硅氧纤维布 Silica Fiber Cloth

用高硅氧纤维纱线编织的无机纤维耐高温布，二氧化硅含量大于 95%，软化点接近 1700℃,可在 1000℃ 以下的高温环境中长期使用。

It is high temperature resistant cloth of inorganic fiber woven with silica fiber yarn, with the content of SiO₂ higher than 95%, its softening point can nearly reach to 1700℃, it can be used in high temperature environment below 1000 °C for a long time.

■特点

- 耐高温，热收缩率低
- 导热系数低
- 良好的化学稳定性
- 出色的电绝缘性能

■用途

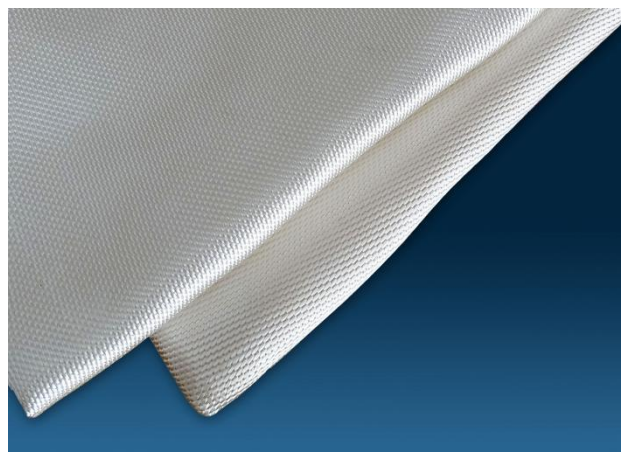
- 工业领域高温隔热、绝缘、密封
- 制作防火帘、防火服、防火手套、灭火毯等
- 制作耐高温烧蚀件

■Characteristics

- High temperature resistance, low heat shrinkage.
- Low thermal conductivity.
- Good chemical stability.
- Excellent electric insulation.

■Applications

- High temperature insulation, electric insulation and sealing in industrial fields.
- Making fireproof curtain, fireproof clothing, fireproof glove, fire blanket, ect.
- Making high temperature ablation parts.



高硅氧纤维布
Silica Fiber Cloth

规格范围 Specification Range

宽度 (Width) (mm)	800~1200
厚度 (Thickness) (mm)	0.25~1.35
SiO ₂ 含量 (SiO ₂ content) (%)	>95
热失量 (Loss on ignition) (%)	≤5
最高温度 (Maximum temperature) (°C)	1000

常规规格 (Standard Specification)

厚度 (Thickness) (mm)	宽度 (Width) (mm)	织纹 Weave
0.25	800~1000	平纹 (Plain)
0.40	800~1000	缎纹 (Satin)
0.65	800~1000	缎纹 (Satin)
0.72	800~1200	缎纹 (Satin)
1.35	800~1200	缎纹 (Satin)

高硅氧纤维带 Silica Fiber Tape

用高硅氧纤维纱线编织的无机纤维耐高温带子，二氧化硅含量大于 95%，软化点接近 1700℃,可在 1000℃ 以下的高温环境中长期使用。

It is a high temperature resistant inorganic fiber tape woven with silica fiber yarn. The SiO₂ content is more than 95%, its softening point can nearly reach to 1700℃, it can be used in high temperature environment below 1000 °C for a long time.

■特点

- 耐高温，热收缩率低
- 导热系数低
- 良好的化学稳定性
- 出色的电绝缘性能

■用途

- 工业领域高温隔热、绝缘、密封
- 汽车、机械设备冷热管道包裹



高硅氧纤维带
Silica Fiber Tape

■Characteristics

- High temperature resistance, low heat shrinkage.
- Low thermal conductivity.
- Good chemical stability.
- Excellent electric insulation.

■Applications

- High temperature insulation, electric insulation, sealing in industrial areas
- Pipe wrapping in automobile, mechanical equipment.

规格范围 Specification Range

宽度 (Width) (mm)	10~100
厚度 (Thickness) (mm)	0.25~2
标准长度 (Standard length) (m)	30
SiO ₂ 含量 (SiO ₂ content) (%)	>95
热失量 (Loss on ignition) (%)	≤5
最高温度 (Maximum temperature) (°C)	1000

膨体高硅氧纤维布 Texturized Silica Fiber Cloth

用高硅氧纤维膨体纱线编织的耐高温布。传统的高硅氧布的厚度大多小于 1mm，而本产品的厚度可以达到 6mm。二氧化硅含量大于 95%，软化点接近 1700℃，可在 1000℃以下的高温环境中长期使用。

It is a high temperature resistant cloth woven with texturized silica fiber yarn. The thickness of traditional silica fiber cloth is mostly less than 1 mm, while the thickness of this product can reach to 6 mm. The SiO₂ content is more than 95%, its softening point can nearly reach to 1700℃, it can be used in high temperature environment below 1000 °C for a long time.

■特点

- 耐高温，隔热，热传导率低
- 柔软，厚，重量轻

■用途

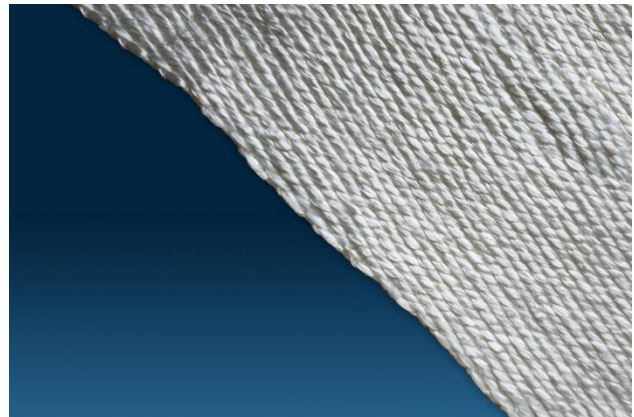
- 各种机械设备和管道外部隔热和保温
- 可加工焊接布、防火帘、防火服、防火手套、防火鞋套、保温套、保温被等

■Characteristics

- High temperature resistance, thermal insulation, low thermal conductivity.
- Soft, thick, light.

■Applications

- Thermal insulation and heat preservation in all kinds of mechanical equipment and external pipelines.
- Made into welding cloth, fireproof curtain, fireproof clothing, fireproof glove, fireproof shoe cover, heat preservation cover, heat preservation quilt, etc.



膨体高硅氧纤维布
Texturized Silica Fiber Cloth

规格范围 Specification Range

宽 (Width) (mm)	300~1500
长 (Thickness) (mm)	1.6~4
标准长度 (Standard length) (m)	30
最高温度 (Maximum temperature) (°C)	1000

标准尺寸 Standard Specification

厚×宽×长 Thickness×Width×Length
2mm×1000mm×30m
3mm×1000mm×30m
5mm×1000mm×20m
6mm×1000mm×20m

膨体高硅氧纤维圆编绳 Texturized Silica Fiber Round Braided Rope

用高硅氧纤维膨化纱线加工的耐高温圆编绳，二氧化硅含量大于 95%，软化点接近 1700℃,可在 1000℃ 以下的高温环境中长期使用。

It is a high temperature resistant round rope braided with texturized silica fiber yarn. The SiO₂ content is more than 95%, its softening point can nearly reach to 1700℃, it can be used in high temperature environment below 1000 °C for a long time.

■特点:

- 出色的耐热性能、绝缘性能
- 出色的隔热、保温、密封性能
- 抗腐蚀，耐老化

■用途:

- 炉门密封
- 电机、机械设备隔热、密封、绝缘
- 阀、泵、换热器密封

■Characteristics

- Excellent heat resistance and insulation.
- Excellent thermal insulation, heat preservation and sealing performance.
- Anti-corrossion,aging resistance.

■Applications

- Furnace door sealing.
- Thermal insulation, sealing and electrical insulation in electric and machinery equipment.
- Sealing in valves, pumps and heat exchangers.



膨体高硅氧纤维圆编绳
Texturized Silica Fiber Round Braided Rope

规格范围 (Specification Range)

直径 (Diameter) (mm)	3~150
最高温度 (Maximum temperature) (°C)	1000

标准尺寸 (Standard Specification)

直径 (Diameter) (mm)	长度 (Length) (m)
6.4	100
9.6	50
12.7	30
15.9	30
17.5	30
19.1	30
22.2	30
25.4	30
31.8	30

高硅氧纤维混纺纱线 Silica Fiber Blended Yarn

用高硅氧短切纤维加工的混纺纱线，具有可加耐热钢丝，抗拉力强，可随意折叠等优点。

It is a blended yarn made from silica fiber chopped fiber. It has the advantages of inserting heat resistant steel wire, strong tensile strength and folding at will.

■特点

- 出色的耐热性能和隔热性能
- 抗拉力强
- 出色的加工性能

■用途

- 可编织布、带、绳、套管等各种耐高温纺织品

■Characteristics

- Excellent abilities of heat resistance and thermal insulation.
- Strong tensile strength.
- Easy to be processed.

■Applications

- Used in the production of silica fiber blended cloth,tape, rope,sleeve and many other refractory textiles.



高硅氧纤维混纺纱线
Silica Fiber Blended Yarn

规格范围 (Specification Range)

细度 (Fineness) (Tex)	525~2250
最高温度 Maximum Temperature (℃)	1000

常规规格 (Standard Specification)

细度 (Fineness) (Tex)	525、630、780、830、1000、2250
增强材料 Reinforced materials	<ul style="list-style-type: none"> ·玻璃纤维 ·玻璃纤维+不锈钢丝 (304 / 310) ·玻璃纤维+铁铬铝丝 ·Glass fiber ·Glass fiber+stainless steel wire (304 / 310) ·Glass fiber + Fe-Cr-Al alloy wire

高硅氧纤维混纺布 Silica Fiber Blended Cloth

用高硅氧混纺纱线编织的耐高温布。与传统的高硅氧布相比，具有可加耐热钢丝，抗拉力强，可随意折叠，更厚且重量轻优点。

It is a high temperature resistant cloth woven with silica fiber blended yarn. Compared with the traditional silica cloth, it has the advantages of inserting heat resistant steel wire, strong tensile strength, folding at will, thicker and lighter.

■特点

- 耐高温，隔热，热传导率低
- 可加钢丝，抗拉力强，随意折叠也不会断裂

■用途

- 各种机械设备和管道外部隔热和保温
- 可加工焊接布、防火帘、防火服、防火手套、防火鞋套、保温套、保温被等

■Characteristics

- High temperature resistance, thermal insulation, low thermal conductivity.
- Can insert steel wire, strong tensile strength, never broken when folded freely.

■Applications

- Thermal insulation and heat preservation in all kinds of mechanical equipment and external pipelines.
- Made into welding cloth, fireproof curtain, fireproof clothing, fireproof glove, fireproof shoe cover, heat preservation cover, heat preservation quilt, etc.



高硅氧纤维混纺布
Silica Fiber Blended Cloth

规格范围 (Specification Range)

宽度 (Width) (mm)	300~1500
厚度 (Thickness) (mm)	1.6~6
标准长度 (Standard length) (m)	30
最高温度 (Maximum temperature) (°C)	1000

标准尺寸 (Standard Specification)

厚度×宽度×长度 Thickness×Width×Length	增强材料 Reinforced materials
2mm×1000mm×30m	·玻璃纤维 ·玻璃纤维+不锈钢丝 (304 / 310) ·玻璃纤维+铁铬铝丝 ·Glass fiber ·Glass fiber+stainless steel wire (304 / 310) ·Glass fiber + Fe-Cr-Al alloy wire
3mm×1000mm×30m	
5mm×1000mm×20m	
6mm×1000mm×20m	

高硅氧纤维混纺带 Silica Fiber Blended Tape

用高硅氧混纺纱线编织的耐高温带。与传统的高硅氧带相比，具有可加耐热钢丝，抗拉力强，可随意折叠，更厚且重量轻优点。

It is a high temperature resistant tape woven with silica fiber blended yarn. Compared with the traditional silica fiber tape, it has the advantages of inserting heat resistant steel wire, strong tensile strength, folding at will, thicker and lighter.

■特点

- 耐高温，隔热，热传导率低
- 可加钢丝，抗拉力强，随意折叠也不会断裂

■用途

- 工业领域高温隔热、绝缘、密封
- 汽车、机械设备冷热管道包裹

■Characteristics

- High temperature resistance, thermal insulation, low thermal conductivity.
- Can insert steel wire, strong tensile strength, never broken when folded freely.

■Applications

- High temperature resistance, electric insulation, sealing in industrial fields.
- Pipe wrapping in automobile, mechanical equipment.



高硅氧纤维混纺带
Silica Fiber Blended Tape

规格范围 (Specification Range)

宽度 (Width) (mm)	13~300
厚度 (Thickness) (mm)	1.8~6
标准长度 (Standard length) (m)	30
最高温度 (Maximum temperature) (°C)	1000

常规规格 (Standard Specification)

厚度 (Thickness) (mm)	宽度 (Width) (mm)	长度 (Length) (m)	增强材料 Reinforced materials
2	25	30	·玻璃纤维 ·玻璃纤维+不锈钢丝 (304 / 310) ·玻璃纤维+铁铬铝丝 ·Glass fiber ·Glass fiber+stainless steel wire (304 / 310) ·Glass fiber + Fe-Cr-Al alloy wire
2	50	30	
2	75	30	
2	100	30	
3	25	30	
3	50	30	
3	75	30	
3	100	30	

高硅氧纤维混纺圆编绳

Silica Fiber Blended Round Braided Rope

用高硅氧纤维混纺纱线编织的耐高温圆编绳。与传统的高硅氧圆编绳相比，具有可加耐热钢丝，抗拉力强，可随意折叠等优点。

It is a high temperature resistant rope braided with silica fiber blended yarn. Compared with the traditional silica fiber round braided rope, it has the advantages of inserting heat resistant steel wire, strong tensile strength, folding at will.

■特点

- 出色的耐热性能和隔热性能
- 抗拉力强
- 便于施工

■用途

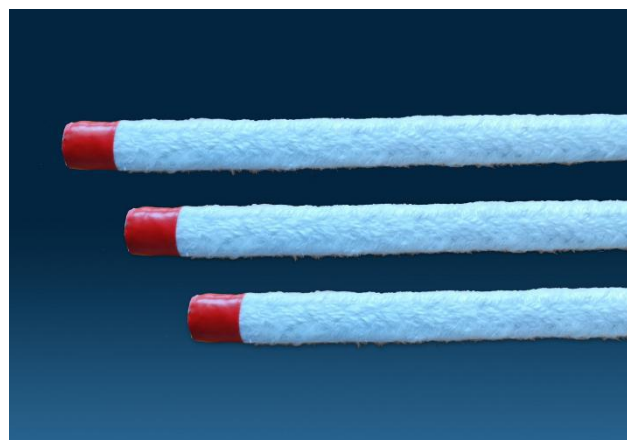
- 高温管道的表面隔热
- 机械设备高温部位隔热、密封

■Characteristics

- Excellent abilities of heat resistance and thermal insulation.
- Strong tensile strength.
- Easy to be processed.

■Applications

- Thermal insulation on the surface of high temperature tube.
- Thermal insulation and sealing in high temperature parts of mechanical equipment.



高硅氧纤维混纺圆编绳
Silica Fiber Blended Round Braided Rope

规格范围 (Specification Range)

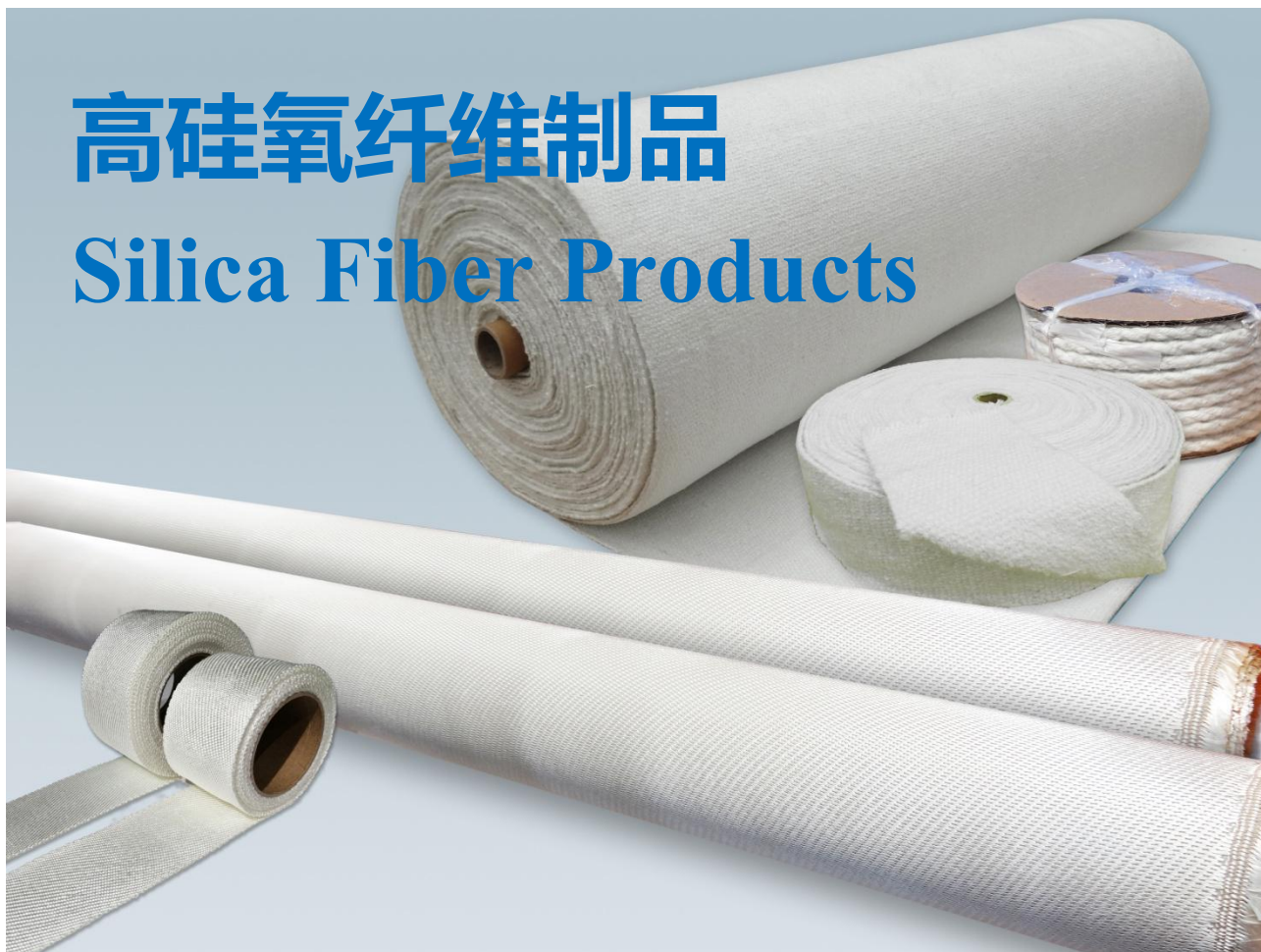
直径 (Diameter) (mm)	4~150
最高温度 (Maximum temperature) (°C)	1000

标准尺寸 (Standard Specification)

直径 (Diameter) (mm)	长度 (Length) (m)	增强材料 Reinforced materials
6.4	30	·玻璃纤维 ·玻璃纤维+不锈钢丝 (304 / 310) ·玻璃纤维+铁铬铝丝 ·Glass fiber ·Glass fiber + stainless steel wire (304 / 310) ·Glass fiber + Fe-Cr-Al alloy wire
9.6	30	
12.7	30	
15.9	30	
17.5	30	
19.1	30	
22.2	30	
25.4	30	
31.8	30	
50.8	15	

高硅氧纤维制品

Silica Fiber Products



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