

**: SHREE MAHAVIRAY NAMAH :**

# **K.K.PACKING**

**ISO 9001-2015 CERTIFIED COMPANY  
MSME CERTIFIED COMPANY**

**WE ARE MANUFACTURER & EXPORTER OF “SHAKTIMAN®”, “TIGER®”, KKK BRAND PTFE, EXPANDED PTFE, GRAPHITE PTFE, PURE GRAPHITE, ARAMID, CARBON, ACRYLIC, RAMIE, COTTON, CERAMICS, SILICA, MICA, GLASS FIBER & OTHER NON ASBESTOS PRODUCTS.**



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# [1] EXPANDED PTFE PRODUCTS – K/003

Multidirectional Expanded PTFE Products are made from 100% PTFE. This special manufacturing process results in almost equal tensile strength in all directions. Also this material is easier to compress and minimizes creep and cold flow.

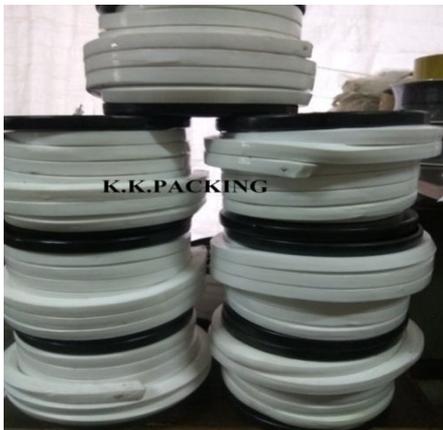
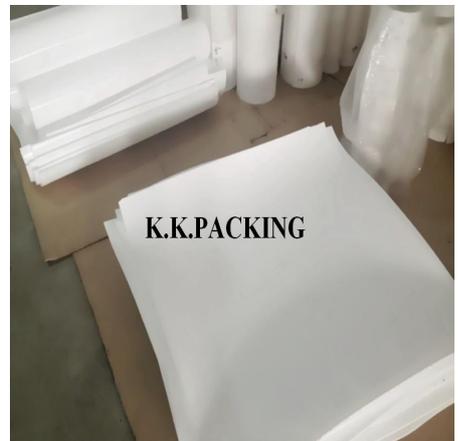
### Application:

- Aerospace ● Petrochemical ● General Chemical ● Pulp and Paper
- Food and Beverage ● Power Generation

### Advantages:

- ◆ Good chemical resistance ◆ Resistance to cold flow ◆ Excellent mechanical strength
- ◆ Reliable sealing ◆ Flexible & easy cutting ◆ Clean and non-toxic

Work Temperature	-240~270°C,Melt315°C
Tensile strength	≥10mpa F-152
Compressive strength	≤140mpa (GB/T20671.2)
Compression(35mpa load)	66%(GB/T20671.2)F-36
Recovery (35mpa load)	11.60% (GB/T20671.2)F-36
Creep(100degCx22hr)	68.33%(GB/T20671.5)F-38
Nitrogen -seal(ml/hr-17.25mpa)	0.16Internal Pressure 4Mpa(JB/T10688)
Nitrogen -seal(ml/hr-35mpa)	0.0037Internal Pressure 4Mpa(JB/T10688)
Density	0.8 to 1.0g/cm3 (GB/T22308) ASTM D 4895



**Above all technical details are based on our experience however we do not undertake any liability whatsoever. Effectiveness of packing can only be judge correctly by installing directly on site only.**

## **[2] PTFE BRAIDED PACKING – LUBRICATED – K/003**

It is a Braided Packing made of Expanded PTFE yarns with high Lubrication. Expanded PTFE has very high tensile strength & shiny finishing as compare with normal Pure PTFE. Hence extra premium grade give almost double working life than normal PTFE Packing. It gives almost same working life like Reinforce PTFE Packing. Premium Grade is perfect replacement of Reinforce PTFE Packing due to its very high break in strength & self lubrication properties.

It is a Braided Packing made of Expanded PTFE yarns fiber with a special inert Lubricant. It is a very plastic packing. It is a low coefficient to friction therefore prevents the shaft surface from forming heat even in high peripheral speeds. It is used in stuffing box and in high concentrated chemical products which are strongly aggressive and oxidative. Reinforcement with Glass Fiber, Carbon Fiber & Aramid Fiber is also available.

**PRESSURE: - 2-25MPa, TEMPRETURE: - -280 C. to 300 C., PH-0-14.**

**DENSITY - From 1.6 gr/cm<sup>3</sup> to 1.7 gr/cm<sup>3</sup>. Size- 3 MM & UP. 2<sup>nd</sup> Grade Quality is also available.**



## **[3] PTFE BRAIDED PACKING – DRY – K/003**

It is a Braided Packing made of PURE P.T.F.E. DRY YARN FIBER. It is flexible, low coefficient to friction & excellent resistance to compression. It is suitable for all chemical compound, alternative and rotary motions shafts, rods, piston valve steams & expansion joints. Reinforcement with Glass Fiber, Carbon Fiber & Aramid Fiber is also available.

**PRESSURE: - 2-20MPa, TEMPRETURE: - -200 C. to 275 C., PH-0-14.**

**Cut Rings are also available. Size- 3 MM & UP. 2<sup>nd</sup> Grade Quality is also available.**



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## [4] PTFE GRAPHITE PACKING – K/036

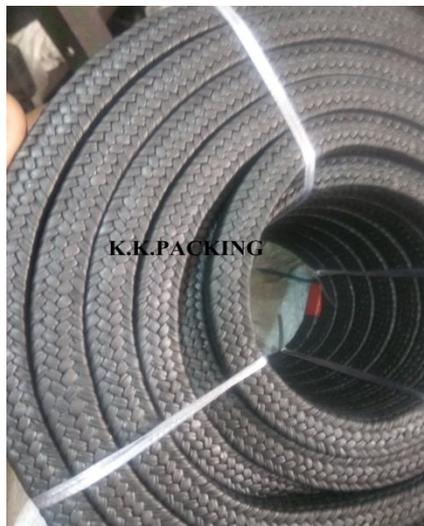
It is a Braided Packing made of Expanded PTFE yarns with best fine Graphite. Expanded PTFE has very high tensile strength & shiny finishing as compare with normal Pure PTFE. Hence extra premium grade give almost double working life than normal PTFE Graphite Packing. It gives almost same working life like Reinforce PTFE Graphite Packing. Extra Premium Grade is perfect replacement of Reinforce PTFE Graphite Packing due to its very high break in strength & self lubrication properties.

It is a lowest coefficient to friction. It has great tear strength and high thermal conductivity. This self lubricated packing doesn't score the shaft and minimizes the sleeve replacement cost. It is recommended for shaft for almost all chemicals. It is used to seal alkalis, solvents, water, steam, acids [Except strong oxidizing acids] for centrifugal pumps, autoclaves, agitators, mixers, etc. It has long and stable service life because of its very low coefficient to friction qualities. Reinforcement with Glass Fiber, Carbon Fiber & Aramid Fiber is also available.

**PRESSURE:-2-25MPa, TEMPRETURE: - -280 C. TO 310 C., PH:-0-14. GRAPHITE 40 %, LUBRICATATION 20 %. Density – 1.6 to 1.8 gr/cm3**

Cut Rings are also available. Size- 3 MM & UP.

2<sup>nd</sup> Grade Quality is also available.



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## [5] PTFE MOLDING PRODUCTS – K/003

These Products are made from 100 % Pure PTFE Expanded Fibers. These products are very easy to adapt. Easy to cut. As long as this are used the equipments will continue their service and keep its best performance. This are suitable for tube & pipe flanges, enameled flanges, vessels, containers, boilers, reactors, valves, pumps, turbines, lids, gauge glasses, agitators, heat exchangers, tension sensitive compounds, chemical, pharmaceutical, food industries, universal maintenance, diverse pipelines, glass, rubber, plastics, non rusting lining towers, etc. These products reduced deformation under pressure, better resilience under varying pressure, reduce thermal expansion coefficient up to approx-50 %, and raised compression strength.

It can be filled with filler such as Graphite, Glass fiber, Carbon fiber, Kevlar fiber.

Property	Value
Density	2200 kg/m <sup>3</sup>
Glass temperature	114.85 °C (238.73 °F; 388.00 K) <sup>1</sup>
Melting point	326.85 °C (620.33 °F; 600.00 K)
Thermal expansion	112–125
Thermal diffusivity	0.124 mm <sup>2</sup> /s
Young's modulus	0.5 GPa
Yield strength	23 MPa
Bulk resistivity	10 <sup>16</sup> Ω·m
Coefficient of friction	0.05–0.10
Dielectric constant	ε = 2.1, tan(δ) < 5(-4)
Dielectric constant (60 Hz)	ε = 2.1, tan(δ) < 2(-4)
Dielectric strength (1 MHz)	60 MV/m
Magnetic Susceptibility (SI, 22 °C)	-10.28×10 <sup>-6</sup>

Size- All Sizes in all products.



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## [6] ARAMID OR KEVLAR PRODUCTS – SQUARE & ROUND ROPE – K/1740

It is a Braided Packing made of Kevlar/Aramid Yarns. It can bare higher pressure application than other type of braided pickings because of its STEEL like strength. It has been developed to replace Asbestos packing for pump system. It covers all the service areas in which asbestos packing are used and even much better. It has longer service life under severe condition in which asbestos packing cannot provide satisfaction such as sand slurry, tin mining, and paper slurry, feed water pump of power station, sea water pump, etc.

**PRESSURE:-2-50 MPa, TEMPRETURE: - 150 to + 275 C., PH-0-14.**

**Density – 1.3 gr/cm<sup>3</sup> to 1.4 gr/cm<sup>3</sup>. Size - 3 MM & UP. – Cut rings are also available.**



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## ARAMID OR KEVLAR Cloth, Hand Gloves, Fiber & Pulp – K/1740

Aramid fibers are a class of heat-resistant and strong synthetic fibers. They are used in aerospace and military applications, for ballistic-rated body armor fabricant ballistic composites, in bicycle tires, marine cordage, marine hull reinforcement, and as an asbestos substitute

Aramid fiber characteristics - Good resistance to abrasion, Good resistance to organic solvents, Nonconductive, No melting point, Low flammability, Good fabric integrity at elevated temperatures, Sensitive to acids and salts, Sensitive to ultraviolet radiation, Prone to electrostatic charge build-up unless finished, High Chord modulus, High tenacity, Low creep, Low elongation at break (~3.5%)

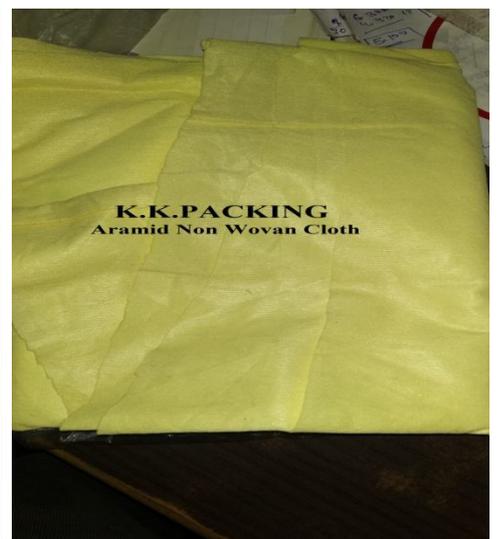
Uses of Aramid Fiber - Flame-resistant clothing, Heat-protective clothing and helmets, Body armor, Composite materials, Asbestos replacement (e.g. brake linings), Hot air filtration fabrics, Tires, Mechanical rubber goods reinforcement, Ropes and cables, Wicks for fire dancing, Optical fiber cable systems, Sail cloth, Sporting goods, Drumheads, Wind instrument reeds, Fiber-reinforced concrete, Reinforced thermoplastic pipes, Tennis strings, Hockey sticks, Snowboards, Jet engine enclosures, Asphalt reinforcement, etc.

ARAMID CLOTH WITH 1 SIDE ALUMINIUM COATING IS ALSO AVAILABLE.

ARAMID NON WOVAN & NITTED CLOTH IS ALSO AVAILABLE.

META ARAMID FIBER IS ALSO AVAILABLE.

NOMEX FIBER & NON WOVAN CLOTH IS ALSO AVAILABLE.



Kevlar & Carbon are registered trademark of international giant. These cloths are made from synthetic fibers known as Kevlar/Aramid & Carbon. This cloth is lightweight, impact resistant, abrasion resistant, heat resistant, and has great strength properties for the most demanding applications like high-speed boats, aircraft fuselage panels, pressure vessels, sporting equipment, wind turbines, ballistics application, construction engineering, automobiles composite, heavy vehicles silencers, speed cars tire and much more.

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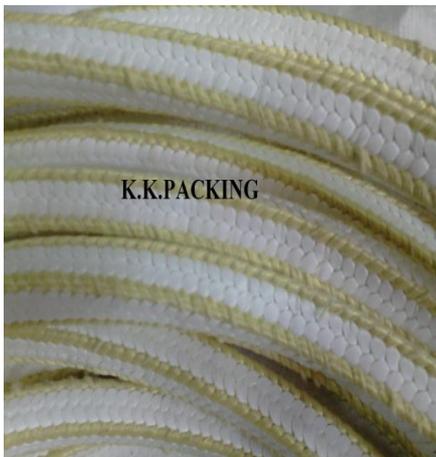
## [7] ARAMID/KEVLAR AND PTFE COMBINATION PACKING – K/1720 & K/1760

It is a braided packing made of Expanded Graphite PTFE fiber in face & corner yarns of PTFE Coated Aramid fibers. Centre yarns will also aramid. Because of aramid centre core this packing will be non shrinkable packing. Thus give better life than normal combination packing. It has very good thermal conductivity and sliding velocity. This packing is very stable in shape, wear resistance, heat conductive, high pressure resistance & no gap extraction. This packing can use in high pressure piston pumps up to 1500 bar as die formed rings. It can be use in high pressure piston & metering pump, valves, agitators, blenders, high pressure fittings, chemical, pharmaceuticals, food industries, power station, weak & alkaline solutions, abrasive media, etc.

Cut Rings are also available.

**PRESSURE-2-30 Mpa, TEMPERATURE- -200 To + 300 C. PH-2-14. Density – 1.4 to 1.6 gr/cm<sup>3</sup>**

**Size - 4 MM & UP. Zebra Packing Structure is also available.**



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## **[8] CARBON FIBER PRODUCTS – K/38000**

It is a braided packing made of CARBON FIBER which is impregnated with high temperature Dispersion. It is lightweight, impact resistant, abrasion resistant, heat resistant, and has great strength properties. It is inert to almost all corrosive chemicals, low coefficient of friction to compression and excellent resistance to compression. It has wear resistant with abrasive media, thermally well balanced structure, volume stable, insignificant shrinkage, excellent heat conductivity and outstanding chemical & physical characteristic. This type of packing can replace PTFE Asbestos packing in a very wide service range and can be used to seal corrosive fluids except stronger oxidizer acids.

It is used in boiler feed water pump , centrifugal pumps , blenders, agitators, autoclaves, kneading devices, refiners, fittings, power plants, boiler houses, paper & pulp industries, chemicals, pharmaceuticals, etc.

Due to its very high break in strength & self lubrication properties no need to be reinforcing carbon packing with metal wire or aramid fiber.

Cut rings are also available.

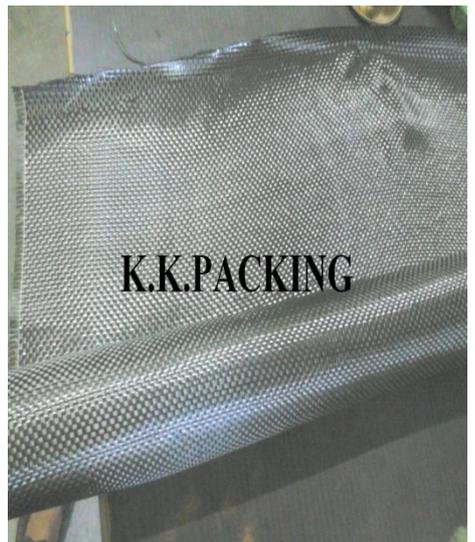
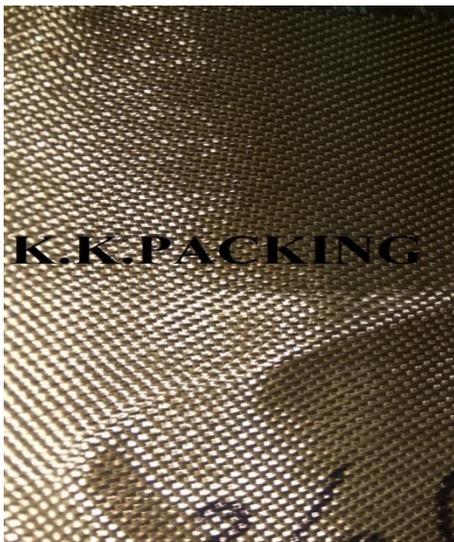
Pressure – Braided Packing - 2 to 40 Mpa. Die Mould Cut Ring – 2 to 45 Mpa.

PH- 0 to 14. Temperature- - 250 C. To 800 C.

Size-3 MM & Up. Density – 1.2 to 1.4 gr/cm<sup>3</sup>

Cloth – 200 GSM & 400 GSM is available. Other GSM is also available as per specification

Hand Gloves with 1 side Aluminize Coating is available from 14” to 18”



**Kevlar & Carbon are registered trademark of international giant.** These cloths are made from synthetic fibers known as Kevlar/Aramid & Carbon. This cloth is lightweight, impact resistant, abrasion resistant, heat resistant, and has great strength properties for the most demanding applications like high-speed boats, aircraft fuselage panels, pressure vessels, sporting equipment, wind turbines, ballistics application, construction engineering, automobiles composite, heavy vehicles silencers, speed cars tire and much more.

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## [9] PURE EXPANDED FLEXIBLE GRAPHITE PRODUCTS – K/78000 & K/80000

It is a flexible braided packing which is made of an innovative FLEXIBLE EXPANDED GRAPHITE YARN. This packing is completely ignition loss free. It can be reinforced with quality high modulus carbon fiber, glass fiber, cotton fiber, inconel wire & ss wire. This packing has excellent sealing capabilities. It eliminates leakage & minimizes maintenance volume after just one pretightening at operation. It can be used to seal hot water, high temperature & pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents, hydrocarbons, cryogenic liquids, seal packing of valves, vessels & pumps under high temperature and pressure at low linear speed, etc. It is a unique & universal sealing packing.

[1] Grade -Pure Expanded Graphite. PH – 0 to 14

[2] Density – Braided Packing - 1.2 to 1.3g/cm<sup>3</sup>

Die Mold Braided & Molded Non Metallic Ring – 1.5 to 1.7g/cm<sup>3</sup>

Gasket, Roll, Sheets & Spiral Tape – 1 g/cm<sup>3</sup>

Metal Inserted Molded Rings – 1.8 to 2 g/cm<sup>3</sup>

[2] Tolerance - + or - 0.03

[4] Carbon Content - 98 %

[5] Tensile Strength - 3.5 Mpa

[6] Compressibility - less than 40 %

[7] Recovery - Less than 10 %

[8] Sulphur - less than 1100 ppm

[9] Chlorine - less than 45 ppm

[10] Temperature - In Oxidizing - -200 to + 600

[11] Maximum Pressure – Braided Packing - 100 to 125 Bar

Die Mold Braided & Molded Ring – 150 to 200 Bar

Braided Packing with special polymers coated up to 500 bar pressure withstanding capacity having Density - 1.6 to 1.7 g/cm<sup>3</sup> is also available.

Product Availability – [1] Braided Packing – Square – 3 MM & Up – Metallic & Non Metallic

[2] Braided & Molded Cut Rings – All Sizes up to 1000 MM OD. Endless, Double cut, Self Sealing

[3] Gaskets – All sizes Non metallic & with metal inserted wire mesh, tang metal or Plain metal sheet.

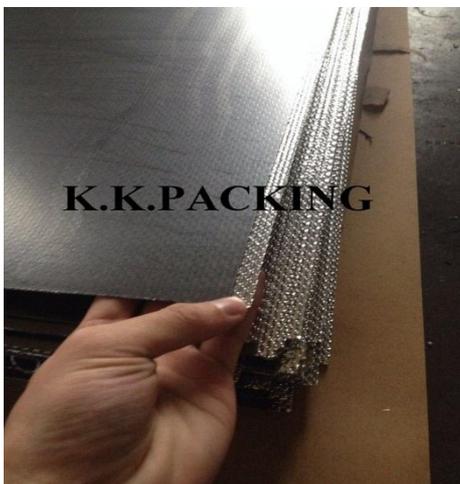
[4] Webbing Tape – 25 MM X 2 MM to 150 MM X 6 MM

[5] Self Adhesive Tape – with or without corrugation from 6 MM to 200 MM Width

[6] Spiral Tape – 3.7 MM, 4 MM & 5.5 MM Width X 0.5 MM & 0.8 MM Thickness

[7] Sheets – 0.2 MM, 0.4 MM, 0.5 MM, 0.8 MM, 1 MM Thickness X 1000 MM Width roll form & 1.5 MM, 2 MM, 3 MM Thickness in 1000 MM X 1000 MM sheet – Metallic & Non metallic





**2<sup>nd</sup> Grade sleeves are made from Non Asbestos Fibers & coated with special graphite fitted with Stainless Steel or Brass eyelets. For high pressure & high temperature application. These sleeves are resistance against water, steam & oil. Temperature-500 C. Sizes-As per customer requirements all sizes are available.**



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**[10] CERAMICS FIBER PRODUCTS – K/99000**

Ceramics fiber products are inorganic heat insulation materials with many characteristics. Such as high temperature stability, low thermal conductivity, low heat storage, light weight, excellent thermal shock, corrosion & oxidation resistance, high elasticity, resistance against acid & chemical stability. These products are widely used in furnace, boiler chimney & vessel doors, fireplaces, tunnel furnaces, ovens, field of petrochemicals, foundry, power plants, electronics, shipbuilding, aerospace automobile, etc. These products are excellent replacement of Asbestos Rope & Gland Packing. These products are also available with S.S. wire reinforcement. In modern industry this are very ideal insulation materials and excellent replacement of Asbestos Cloth & Webbing Tapes. ALSO AVAILABLE WITH PTFE COATING & GRAPHITE COATING.

TEMPRETURE-1200 C. Density – 0.4 gr/cm<sup>3</sup> to 0.7 gr/cm<sup>3</sup>

With Graphite Coating at surface – Temperature Up to 1400 C.

With Vermiculite Coating at surface – Temperature Up to 1500 C.

Thermal conductivity	w/m.k	<0.16
Tensile strength	mpa	>0.3
Organic element content	%	<10%
Moisture content	%	<1%
Al <sub>2</sub> O <sub>3</sub>	%	>40
SiO <sub>2</sub>	%	>47%

**Size Availability – Braided Round Rope – From 6 MM to 150 MM**

**Braided Square Rope – From 6 MM to 125 MM**

**Twisted Rope – 3 MM to 50 MM**

**SS Braided Rope - 20 MM to 150 MM**

**Braided Lagging Rope – Inside Fire Blanket – 20 MM to 50 MM**

**Tadpole Rope – Inside 6 MM to 10 MM Rope – 25 MM Width to 75 MM Width X 6 MM Thickness**

**Graphite or Vermiculite Coating at Surface – Round or Square – 12 MM to 125 MM**

**Graphite & Lubricated Rope – Only Square – 6 MM to 125 MM**

**Webbing Tape – 20 MM X 3 MM to 150 MM X 6 MM [Rubberized also available]**

**Cloth – 1000 MM X 2 MM to 1000 MM X 6 MM [700 MM to 1000 MM any width we can make]**

**Vermiculite Cloth - 1000 MM Width X 2 MM & 3 MM Thickness**

**Vermiculite Woven Blankets – 1000 MM X 2000 MM X 3 MM Thickness**

**White Fire Blankets – 610 MM Width X 7300 MM Long X 12 MM & 25 MM Thickness**

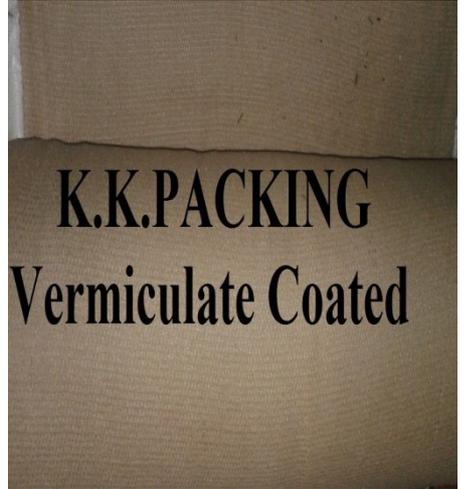
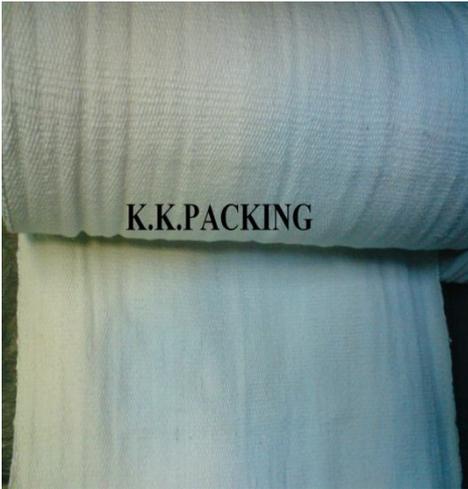
610 MM Width X 3650 MM Long X 50 MM Thickness

**Paper – 1200 MM Width X 1 MM Thickness to 12 MM Thickness**

**Mill Board – 1000 MM X 1000 MM 3 MM to 12 MM And 500 MM X 1000 X 25 MM & 50 MM Thickness**

**Gasket – All sizes up to 1150 MM OD**





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## [11] GLASS FIBER PRODUCTS – K/81000

Glass fiber products has many characteristics such as nonflammable, anticorrosion, high strength, good electrical insulation, thermal insulation, high temperature resistance, hydrolytic resistance. Thus becomes the most necessary base materials to be used in the fields of electrical, aerospace, shipbuilding, automobile, chemical, furnace, boiler & chimney doors, fireplaces, pressure less service closure, tunnel furnaces, boiler & vessel doors, lid seals, wrapping of flexible tubing & cables, static gasket for ovens, etc.

**ALSO AVAILABLE WITH PTFE COATING & GRAPHITE COATING.**

**TEMPRETURE - 650 C. Density – From 1 gr/cm<sup>3</sup> to 1.4 gr/cm<sup>3</sup>**

**Size Availability - Rope- Round & Square - 3 MM & Up.**

**Cloth- 0.1 MM & Up- Thickness. Width-1000 MM [Vermiculated cloth in 0.5 MM thick is available]**

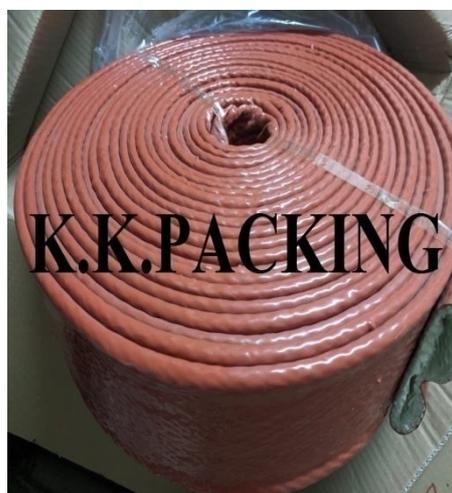
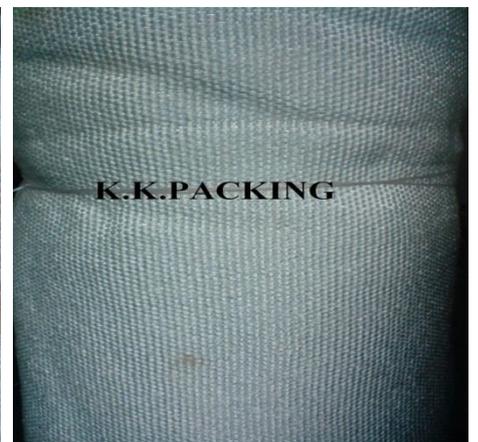
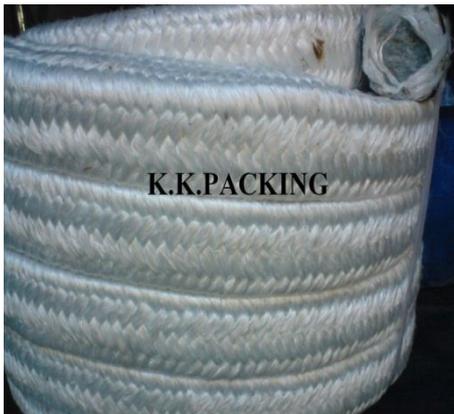
**Webbing Tape-0.1 MM & Up-Thickness. Width- Upto 150 MM.**

**Self Adhesive Webbing Tape – Width – 12 MM to 10 MM in 0.1 MM Thickness**

**Aluminize Coated Cloth – Width – 1000 MM in 450 GSM**

**Silicon Coated Cloth – Width – 1000 MM – GSM – As per customer requirements.**

**Sleeves – Dry & Silicon Coated available.**



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## **[12] Silica Fiber Products – K/90000**

Silica fibers are fibers made of sodium silicate (water glass). They are used in heat protection (including asbestos substitution) and in packing and compensatory. They can be made such that they are substantially free from non-alkali metal compounds. The basis of textile-grade glass fibers is silica, SiO<sub>2</sub>. In its pure form it exists as a polymer, (SiO<sub>2</sub>)<sub>n</sub>. It has no true melting point but softens up to 1200 °C, where it starts to degrade.

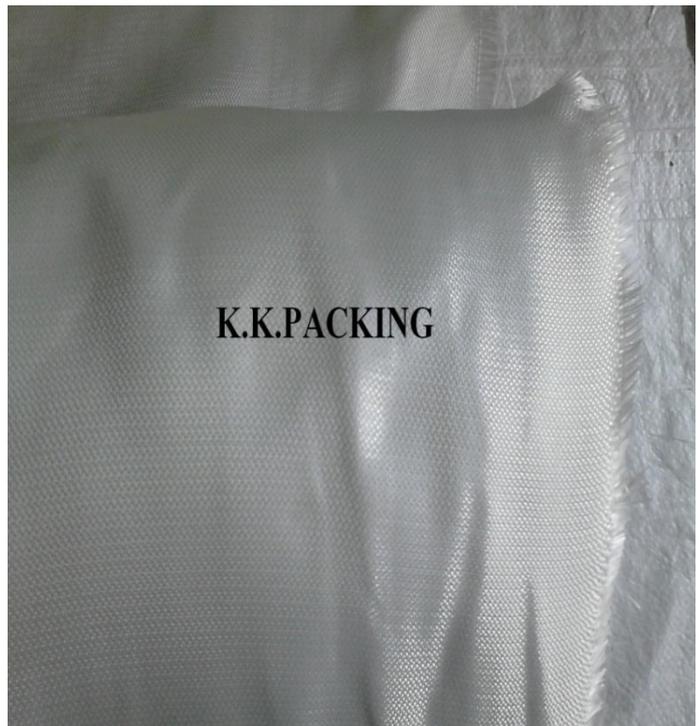
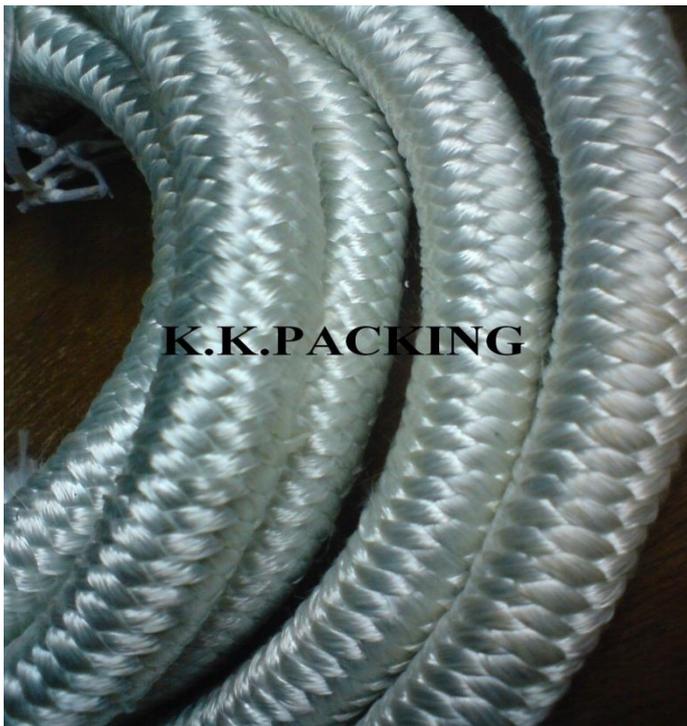
At 1713 °C, most of the molecules can move about freely. Silica fiber products has many characteristics such as nonflammable, anticorrosion, high strength, good electrical insulation, thermal insulation, high temperature resistance, hydrolytic resistance. Thus becomes the most necessary base materials to be used in the fields of electrical, aerospace, shipbuilding, automobile, chemical, furnace, boiler & chimney doors, fireplaces, pressure less service closure, tunnel furnaces, boiler & vessel doors, lid seals, wrapping of flexible tubing & cables, static gasket for ovens, etc. **ALSO AVAILABLE WITH PTFE COATING & GRAPHITE COATING.**

**WORKING TEMPRETURE - 750 C. Density – From 1.1 gr/cm<sup>3</sup> to 1.3 gr/cm<sup>3</sup>**

**SIZE AVAILABILITY - Rope- 3 MM & Up.**

**Cloth- 0.1 MM & Up-Thickness. Width-1000 MM**

**Webbing Tape – 0.1 MM & Up-Thickness. Width- Up to 150 MM.[Non Asbestos Listing Tape is Available]**



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### [13] ASBESTOS FIBER PRODUCTS – WHITE DRY – K/10000

These Products are made from Asbestos yarns. They are flexible, resilient, homogeneous & compact. This products are use for insulation in general low pressure, ingot moulds, wrapping of flexible tubing & cables, static gasket for ovens, boilers, doors, furnaces, sealing of oven doors, paper mills, dyeing plant, etc. This packing is also available with PTFE coating or Graphite Coating.

TEMPRETURE- Dry Process Up to 350 C. PH – 3 to 9

SIZE AVAILBLITY. ROPE -3 MM & Up. Lagging Rope – 12 MM to 50 MM

Webbing Tape – 25 MM W. X 3 MM Thick to 100 MM W. X 6 MM Thick. Listing Tape is also available.

Cloth – 1000 MM Width X 2 MM, 3 MM, 5 MM & 6 MM Thickness. Hand Gloves is also available.

Rubberized Cloth, Tape & Main Hole Boiler Gasket – As per require sizes.

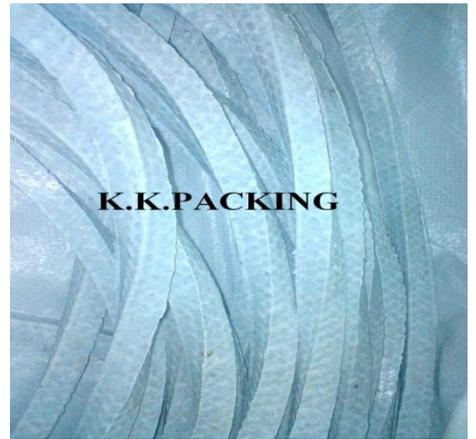
Mill Board – 1000 MM X 1000 MM. Thickness – 1.5 MM to 12 MM. Above in pasted form available.

Break Lining – 25 MM Width X 5 MM Thickness to 525 MM Width X 19 MM Thickness

Density – Dry Braided Rope, Cloth & Webbing Tape – 0.850 gr/cm<sup>3</sup>, lagging Rope – 0.250 gr/cm<sup>3</sup>

PTFE Impregnated Rope – 1.0 to 1.1 gr/cm<sup>3</sup>, Graphite Impregnated Rope – 1.1 to 1.3 gr/cm<sup>3</sup>

Mill Board & Break Lining - 1.2 to 1.4 gr/cm<sup>3</sup>, Rubberized Tape, Cloth & Gasket - 1.6 to 1.8 gr/cm<sup>3</sup>



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**[14] ASBESTOS PRODUCTS – GRAPHITE – K/11000, K/19100-Non Metallic & K/19160-Metallic**  
Above products are made from Asbestos Metallic Yarns. Coated with special Lubricant & Graphite. It is available with S.S. wire, Brass Wire, Inconel Wire, Led Wire & Copper Wire also. This packing is used in sealing of pumps, valves, power station, insulation in general low pressure, ingot moulds, wrapping of flexible tubing & cables, static gasket for ovens, boilers, doors, furnaces, sealing of oven doors, paper mills, dyeing plant, etc.

Temperature – Up to 800 C for SS Wire & Inconel Wire reinforcement Packing – K/19160

Up to 500 C. for non metallic up side coated with graphite & inside dry – K/19100

Sizes- 3 MM & Up. Maximum Pressure – Packing - 200 to 300 Bar, Cut Ring – 500 Bar.

Cut Rings are available in all sizes for K/19100 & K/19160 only.

**Full Graphite & Lubricated maximum temperature up to 350 C. Also available with white metal, Brass Wire & Copper Wire maximum temperature up to 400 C. – Sizes from 6 MM & Up.**



**Above all technical details are based on our experience however we do not undertake any liability whatsoever. Effectiveness of packing can only be judge correctly by installing directly on site only.**

## **[15] SYNTHETIC FIBER GLAND PACKING – K/22000**

### **Rayon Fiber, Natural Fiber, Acrylic Fiber, Vegetable Fiber & Cotton Fiber**

This packing is made from high quality synthetic fibers. Mainly Rayon fiber, Natural fiber, Acrylic fiber, Vegetable Fiber or Cotton Fiber. Also available with Graphite coating. It is used in Marine vessel, Marine Shafts, centrifugal pumps, etc. This Packing is also available with PTFE Coating.

Temperature-150 C to 200 C. PH – 4 to 10, Density – 1.4 to 1.6 gr/cm<sup>3</sup>

Size- 3 MM & Up.

Cut Rings are also available.

Construction – Made from high quality cotton fiber up to 60 to 70 %. Lubrication 30 to 40 %. Available in square section only in black, cream & yellow color.



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**[16] JOINTING GASKET SHEET [Compressed Asbestos Fiber]**

**CAF GASKET SHEET – K/20000, K/39000 & K/54000**

These compressed sheets are made from asbestos fiber with nitrite rubber as a binder inserted with thick SS metal mesh. These sheets are useful for steam extreme pressure application.

Color-GRAPHITE, GREY & RED

Density – 1.8 to 2

Maximum Pressure – Up to 200 bars

Maximum Temperature – Up to 600 C. - Metallic

Up to 380 C. – Non Metallic

Compressibility – Around 10 %

Recovery – Around 40 %

Thickness – From 0.5 MM to 6 MM

Width –1500 MM X 1500 MM, 1500 MM x 3000 MM & 1500 MM X 4500 MM

CUT GASKET IS ALSO AVAILABLE.

Commercial Grade is also available.



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**[Asbestos Free] AF Gasket Sheet – Green, Yellow, Orange, White**  
**K/12000, K/15400, K/13900, K/60000**

These compressed sheets are made from Aramid Fiber & synthetic fiber with nitrite rubber as a binder. These sheets are useful for Steam, Gases, Dilute Acids & Alkalis of Medium pressure application.

Color-Green or Yellow

Density – 1.8 to 2

Maximum Pressure – Up to 150 bars

Maximum Temperature – Up to 375 C.

Compressibility – Around 10 %

Recovery – Around 40 %

Thickness – From 0.5 MM to 6 MM

Width – 1500 MM X 1500 MM, 1500 MM X 3000 MM & 1500 MM X 4500 MM

Cut Gaskets are also available for all sizes.

Commercial Grade is also available.



**[17] SPIRAL WOUND GASKETS**

Cam profile, Metal Jacketed & Soft Iron Gaskets are also available.

Spiral wound gaskets are made out of crimped metal tape with sealing wraps out of non asbestos or asbestos gasket materials with inner & outer metal rings. Inner & outer metal rings are optional. These gaskets are used for high temperature & high pressure flanges, duct flanges, pressure vessels, heat exchangers, fittings, etc. It is filled with Asbestos or Graphite or PTFE materials. These gaskets can resist maximum pressure load. Other material combinations are also available as per customer specification. Sizes-All sizes are available.



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Besides above we also do trading in following products.

[1] Nylon, Delrin & PP Molding Products.

[2] Viton, Silicon, Neoprene, EPDM & Natural Rubber Products.

[3] Glass Epoxy Molding Products.

[4] Ceramics Molding Products.

[5] Mica Products.

[6] Carbon Molding Products.

[7] Manila Fiber Rope.

[8] Basalt Fiber Rope & other Textiles. Etc.

# ***ABOUT THE COMPANY***

*We are in this field from 1965. This is our family business in trading activities. And I have with the God gift well experience in Manufacturing since 1994.*

*My Daddy SHRI CHANDUBHAI H. SHAH. Director of M/S VIJAY*

*TEXTILES [1965 to 1994]* *has give lot off support to many of our family members, closed relatives & employers to start their own business. And today, many of them are on very top of hill among this some are still remember his help & support. In the year 1994 my daddy's Golden mission was succeed and with well blessings I have set up my own factory In the name of*

*M/S K.K.PACKING. Director- Mr.Kiran Kumar C. Shah.* *In the year 2006 my son* *KALPESH K. SHAH* *completed his graduation and join his hand with my company & his very good-luck we have purchase latest & high-tech high-speed interlock braiding machines to stand in the 21st century's e-business global market. In machinerics we have 4-Track, 3-Track, Auxiliary Press, Bobbin winder & Automatic Coiling Machine & other machines for huge production of Ropes & Gland Packing. High speed needle looms, tape looms & calendaring press for production of Webbing Tapes & Cloths. Hydraulic & other press for molding rings & other products. Today, my son Kalpesh Shah looked total production under his strict supervision, continue new R&D & his very hard workmanship and intelligent mind Step-by-step, gradually we have developed full range of Non-Asbestos Gland Packing & high-temperature Ropes to stand with International quality. We believed to produce high quality of heat insulation ropes & textiles products. We are from Hindu-Jain Family. Our 24th Tirthanker Lord SHRI MAHAVIR SWAMI has given message to the world that 'LIVE & TO BE LIVE'. So we have supported to all but, among this some people, relatives forgot our support. Any way this is called life. Now in Indian Market we are known as Genuine & very Quality Conscious Manufacturer. To meet all users daily requirements we are keeping in stock almost all our items.*

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# Certificate of Registration



## K. K. PACKING

6-D / 203, Prem Nagar, Behind Vijaya Bank, MCF Garden Lane,  
Borivali (West), Mumbai - 400 092, Maharashtra, INDIA

This is to certify that the Quality Management System  
of above organisation has been assessed and registered by  
Pyramid Certifications LLP against the scope of supply and provision of

## ISO 9001:2015

**Scope** : Manufacturer & Exporter of PTFE, Expanded PTFE, Graphite PTFE,  
Pure Graphite, Aramid, Carbon, Acrylic, Ramie, Cotton, Ceramics,  
Mica, Glass Fiber & Other Non Asbestos Products.

**Certificate No.** : EQM110518

**Initial Certificate Date:** 26.05.2015

**Certificate Date** : 26.05.2018

**Valid Until** : 25.05.2021

**1st Surv. Due on** : 25.04.2019

**2nd Surv. Due on** : 25.04.2020



\_\_\_\_\_  
Director

This registration is subject to the company maintaining a management system, to the above standard,  
which will be monitored by Pyramid Certifications LLP.

This is an accredited certificate authorised for issued by Accreditation Services for Certifying Bodies (Europe) Limited  
in accordance with ISO 17021:2015 "Requirement for Bodies providing Audit and Certification of Management Systems".

This certificate is the property of Pyramid Certifications LLP, and must be returned on request.  
This Certificate is valid when confirmed by data listed in the International Register Of Quality Assessed Organisations  
[www.irqao.com](http://www.irqao.com). The status of this certificate may be checked at [www.pyramidcertifications.com](http://www.pyramidcertifications.com)

Pyramid Certifications LLP  
401, Ghanshyam Enclave, Link Road, Kandivali (W), Mumbai - 400067, INDIA

**Above all technical details are based on our experience however we do not undertake any liability whatsoever. Effectiveness of packing can only be judge correctly by installing directly on site only.**

**Office** - 6-D/203, Prem Nagar, B/H Vijaya Bank, MCF Garden Lane, Borivali [West]. Mumbai – 400092. India.

**Factory** – Plot-2, Dahiser Industrial Area, Mumbai. India

**M.** - 9820466542, 8976067141. **T/F** – 91-22-28935106, Email – [kksealings@gmail.com](mailto:kksealings@gmail.com)

**Website** – [www.kkpacking.in](http://www.kkpacking.in) & [www.kkpacking.net](http://www.kkpacking.net)