



## Company Profile

Ningbo J Top Industry and Trade Co., Ltd is located in Ningbo, a port city with superior geographical location. It is a **factory** integrating production, scientific research and sales.

Our factory main products include metal spiral wound gasket, tooth gasket, metal gasket, coated gasket, metal ring gasket, high-strength gasket, composite gasket, PTFE gasket, graphite gasket, packing, plate and other sealing products. Specializing in the production of all kinds of sealing elements and marine accessories. The company has won the trust of the majority of users with advanced equipment and facilities, mature technology and excellent product quality.

Our company has a number of hydraulic equipment and reinforced laser stamping equipment, laser-cutting machine, large diameter lathes, 4-meter diameter large winding equipment, 3.5-meter diameter large tooth shaped gaskets, wave tooth gaskets, corrugated gasket equipment, 80mm wide sealing surface large disc ring machine, slot milling and chamfer machine, CNC precision winding machine, imported gasket sharped machine and a large number of special equipment. Have advanced production and testing equipment; over 30 years of production experience, rich experience, high precision and good smoothness; 20 years of export experience to ensure the quality of products.

Our factory exporting high quality products, good service, guaranteed quality and preferential prices. Welcome customers to consult and purchase!

**Metal Gasket -JT-G series**

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# Gasket

## Spiral Wound Gasket JT-G1000 series

### JT-G1000series Spiral Wound Gasket

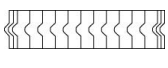
Generally, as 304,316L, 321 and other stainless steel strips ("V" shape or "W" shape) are used Metal graphite spiral wound gasket, asbestos / asbestos free spiral wound gasket, PTFE filled spiral wound gasket and ceramic filled spiral wound gasket are composed of spiral wound graphite, asbestos or non asbestos and other non-metallic materials. Performance characteristics: the series of stainless steel graphite spiral wound gaskets are not commonly used. They have the characteristics of high temperature resistance, corrosion resistance, wear resistance and good elastic sealing. They are not suitable for uneven load and easy relaxation of bonding force, where the temperature and Max.Pressure change periodically and there is impact or vibration.

### JT-G1000A Basic Filler Type Special Form:

JT-G1000AS		(Mini Spiral Wound) our company can produce mini size basic spiral wound gaskets.Size small than standard.
JT-G1000AH		(Spiral Wound with Handle) our company can produce basic spiral wound gasket with handle --- for steam pipeline
JT-G1000AO		(Oval Spiral Wound) our factory can produce oval and other special-shaped basic spiral wound gaskets
JT-G1000AE		(Spiral Wound Gasket for Heat Exchanger) can be produced by our company

Graphite spiral wound gasket	Use for high temp-pipe flange so on sealing
PTFE spiral wound gasket	Use for clean chemical condition/-pipe flange so on sealing
Asbestos spiral wound gasket	Use for chemical condition condition-pipe flange so on sealing
Non asbestos spiral wound gasket	Use for chemical condition condition-pipe flange so on sealing
Ceramic spiral wound gasket	Use for high temp-pipe flange so on sealing

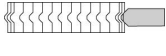
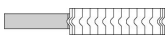

### Function Features:

Type	Description	Current Thickness	
Basic Typ)	 JT-G1000A SWG with filler only Style "W" This type of gasket wined with metal belt and stuffing materials and applied to concavo-convex flange	Standard	Other

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		and tongue and groove facing flange.		
Inner and Outer Ring Type		<b>JT-G1000B SWG with inner ring Style "WIR"</b> The added inner ring to the Basic Type acts as guard of Max.Pressure, at the same time fills the edge of flange and the interspace of the inside sealing space. This kind of gasket can avoid accumulation of the solids, reduce the impulsion of fluid, and can resist the corrosion extent of the flange to the minimum. It is applied to the concavo-convex flange.	3.2 4.5	1.6, 5.5, 6.5, 7.5mm
Outer Ring Type		<b>JT-G1000C SWG with outer ring Style "ORW"</b> Using the outer ring, the gasket can be placed in the centre of the flange, and it can provide extra resistance to avoid the crack of the gasket, as a compression dead center. It is commonly applied to flat and convex flange.		
Inner Ring Type		<b>JT-G1000CGI SWG with inner and outer ring Style "ORWIR"</b> The added inner ring to the Outer Ring Type acts as compression dead center, and the same time as the restraint of heat and corrosion, protecting the sealing face of the gasket and avoiding corrosion the flange. It is applied to flat and convex flange, and specially used in the condition of high temperature and high Max.Pressure.		

### Technical

Material Science	Material Code	Temperature °C	Max.Pressure	Applicable media	Compression ratio%	Rebound rate%	Stress relaxation rate%
Expanded graphite	F.G.	-220--550	250 BAR	Corrosive medium	18--30	≥17	≤18
Asbestos Filler	ASB	-150--450	100 BAR	General air tightness	18--30	≥19	≤28
Teflon	PTFE	-200-- 200	100 BAR	Corrosive medium	18--30	≥15	≤13
Non Asbestos	NA	-100--350	100 BAR	General air tightness	18--30	≥19	≤28
Ceramics	CER	-200--1090	100 BAR	Ultra high temperature	18--40	≥19	

Material name	Abbreviation mark	Hardness (HB)	Temperature (° C)
Carbon steel	CS	120	-40~+540
SUS 304	304	130~180	-195~+550
SUS 316L	316L	130~180	-100~+550
SUS 321	321	130~190	-195~+760
HASTELLOR-B2	HASTB	215	-185~+1090
INCONEL-600	INC600	150	-100~+1090
MONEL-400	MON	150	-130~+820
titanium	TI	215	-195~+1090

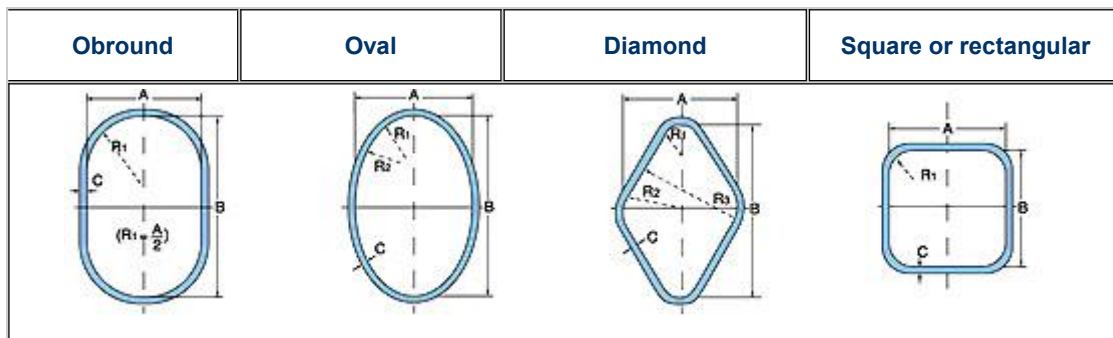
Purchase Guide:

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Special sharp/Drawing can make.

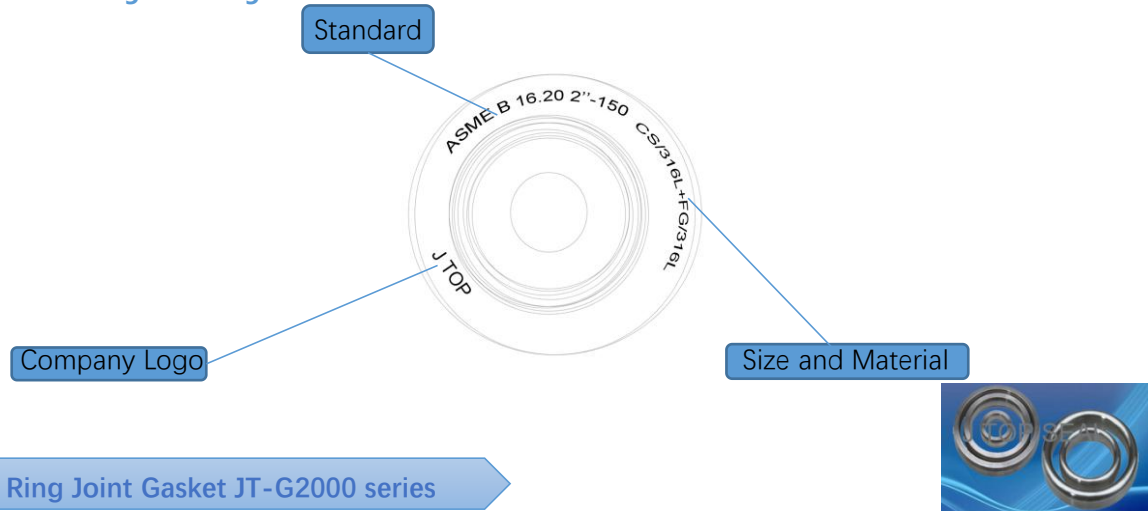


**Selection Guide**

<b>Flange Face</b>					
<b>Recommended Gasket Style</b>					

**Standards:** ASME B 16.20, ASME B 16.5, ASME B 16.47 A, JIS, EN, DIN, etc.

**Gasket Logo Printing:**



**Ring Joint Gasket JT-G2000 series**

The oval, octagonal, lens and other metal ring gaskets processed by professional equipment are specially applied to the ring connecting surface flange after heat treatment and other processes. The flat groove flange can use both oval and octagonal metal ring gaskets.

**Material description:**

Conventional materials: soft iron coated with antirust oil, soft iron galvanized; carbon steel galvanized, carbon steel plastic sprayed; stainless steel 304, 316, 321; dual phase steel S31803, Monel, Inconel, etc., and other surface treatments sprayed with tetrafluoro chrome plating can be provided. Please consult our company for details.

**Product Name/Model NO:**

JT-G2000OV	Octagonal ring joint gasket
JT-G2000OT	Oval ring joint gasket

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<b>JT-G2000RX</b>	Ring gasket type <b>RX</b>
<b>JT-G2000BX</b>	Ring gasket type <b>BX</b>
<b>JT-G2000IX</b>	Ring gasket type <b>IX</b>
<b>JT-G2000LS</b>	Lens ring joint gasket

### Octagonal Ring Joint Gasket JT-G2000OT



Octagonal metal ring gasket shall be used for RTJ face flange with standard groove.

Section shape: octagonal

Selected materials: carbon steel, OCr13, 1Cr18Ni9, 304, 316, etc. service temperature: - 100-800 °C, service Max.Pressure: 35MPa [main purpose] surface seal at flange joints of high-Max.Pressure pipes, vessels and equipment [available specifications] dn10-900mm

Standards: national standards, American standards, Japanese standards, European standards, German standards

### Oval Ring Joint Gasket JT-G2000OV



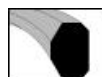
Oval metal ring gasket shall be used for RTJ face flange with standard groove

Section shape: Oval

Selected materials: carbon steel, OCr13, 1Cr18Ni9, 304, 316, etc. service temperature: - 100-800 °C, service Max.Pressure: 35MPa [main purpose] surface seal at flange joints of high-Max.Pressure pipes, vessels and equipment [available specifications] dn10-900mm

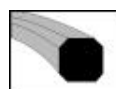
Standards: national standards, American standards, Japanese standards, European standards, German standards

### Ring Joint Gasket RX type JT-G2000RX



RX gasket is first contacted with the flange with the outer sealing surface when in use. High system Max.Pressure will produce high base stress. (Rx gasket can be interchanged with standard r gasket) the Max.Pressure resistance can reach 700bar and high Max.Pressure resistant gasket.

### Ring Joint Gasket type BX JT-G2000BX



BX gasket is self sealed and controlled by the internal system Max.Pressure generated by enhancing the gasket base Max.Pressure on the flange contact surface. This gasket is suitable for API BX flange and tenon flange. It can withstand high Max.Pressure up to 1500bar and high Max.Pressure type.

### Ring Joint Gasket type IX JT-G2000IX

Special type IX can be produced as drawing.

### Lens Ring Joint Gasket JT-G2000LS

Lens ring gasket, special form, can be produced according to the drawing.

The lens pad belongs to wire seal, which is used for cutting metal materials. The wire seal has large expansion, large compensation and easy compression.

Product advantages: the product is resistant to high temperature, high Max.Pressure, strong acid and alkali. It is mainly used for flange sealing of high temperature and high Max.Pressure pipeline.



**Purpose:** lens gasket sealing structure is widely used in high-Max.Pressure pipeline connection. The sealing surface of lens gasket is spherical, which is in contact with the conical sealing surface of pipeline, and the initial state is a ring line. Under the action of preload, the lens gasket produces plastic deformation at the contact, and the ring line becomes a ring belt, with good sealing performance.

The following are general technical parameters:

Material Science	Maximum hardness Brinell		Temperature (°C)	Abbreviation mark
	Brudzinski	Rockwell class "B"		
Soft Iron	90	56	-60 500	D
Low Carbon Steel	120	68	-40 ~ 540	S
304SS	160	83	-250 540	304
304LSS	160	83	-250 540	304L
316SS	160	83	-200 815	316
316LSS	160	83	-200 815	316
321SS	160	83	-200 870	321
347SS	160	83	-200 870	347
410SS	170	86	-40 850	410
5Cr-0.5Mo	130		-29 650	
Copper	80		-100 315	
Aluminum	35		-200 425	
Inconel 600	150		-100 1095	
Incoloy 825	150		-100 1095	
Monel 400	150		-100 760	
Titanium	215		-200 540	
Nickel 200 -	110		200 760	
Hastelloy B2	230		-100 1095	
Hastelloy C276	210		-100 1095	

**Standards:** ASME B12, JIS, en, DIN, ISO, etc



#### Kammprofile Gasket JT-G3000 series

#### Key words: Cammprofile gasket, metal serrated gasket

The concentric groove processed by professional equipment makes the sealing effect better than the general metal flat gasket. It is especially suitable for the joint of high-Max.Pressure and high-temperature pipe flange, Max.Pressure vessel end cover and various valves.

Features: our company can produce high-precision toothed gasket

JT-G3000A basic type kammprofile gasket



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**JT-G3000C** outer ring type  
serrated gasket (integral)



The outer ring type serrated gasket is reinforced to expand the Max.Pressure range of the serrated gasket

**JT-G3000R** removable outer ring serrated gasket  
(split type) serrated gasket with loose outer ring



JT-G3000R removable outer ring serrated gasket (split type) serrated gasket with loose outer ring

Removable outer ring serrated gasket, the outer ring of serrated gasket can be disassembled, which is more convenient to use without changing the performance, and the outer ring can be recycled.

The following general parameters are for reference:

Metal material		Sealing material		
Soft iron	aluminium	texture of material	Temperature(°C)	Max.Pressure (bar)
304SS	321SS	graphite	-196 600	300
304LSS	347SS	PTFE	-268 260	210
316SS	Nickel 200	Asbestos	-268 315	280
316LSS	MONEL 400	Non Asbestos	-100 250	100
410SS	INCONEL 600	silver	-200 750	250
brass	HASTELLOY B2	Available specifications: dn10-3000mm		
titanium	Ti			

**Standard:** ASME B 16.20, JIS, en, DIN etc Drawing can make.

### Metal flat gasket JT-G 4000

The metal flat gasket is machined from the whole metal and is used for sealing Max.Pressure vessels, towers, grooves, valve covers and other parts. It mainly includes aluminum flat gasket, red copper gasket and stainless steel gasket. The maximum processing size is ~ 3000mm; special specifications or various non-standard products can be formulated according to customer requirements.

[metal flat gasket] technical parameters:

Max.Pressure	20MPa
temperature	-200 ~ 650°C
Applicable media	Acid base and steam
PH value	0-14

Production standards: national standard, American Standard, Japanese standard, European standard, German standard, etc. can be produced. Please consult for special-shaped drawings.

### Metal Jacket Gasket JT-G5000

**Key words:** Double Jacket Gasket, Heat Ex-changer



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The metal jacket gasket is filled with flexible graphite, ceramic fiber, asbestos and non asbestos board, and wrapped with metal sheets of various materials such as stainless steel, tinplate and red copper. It is especially suitable for high temperature and high Max.Pressure sealing parts such as heat exchanger and Max.Pressure vessel. It can effectively prevent the scattering of gasket and the erosion of medium, and improve the Max.Pressure resistance at the same time

**Product application:** it is especially suitable for heat exchangers, gas pipelines, cast iron flanges, cylinder heads, boilers and other containers. Generally, during installation, the initial thickness of the gasket can be pressed with 30% deformation, which can effectively seal the unevenness and small defects of the flange. It can be suitable for various media by selecting different metals and filling materials.



**Optional materials:**

Metallic materials	German standard	Hardness HB	Temperature (C°)	Density g / cm3
Carbon steel, tinplate	1.1003/1.0038	90~120	-60~500	7.85
SS304, SS304L	1.4301/1.4306	130~180	-250~550	7.9
SS316, SS316L	1.4401/1.4404	130~180	-250~550	7.9
Copper	2.0090	50~80	-250~400	8.9
Aluminium	3.0255	20~30	-250~300	2.73

Other special materials such as titanium, nickel and Monel can be required.

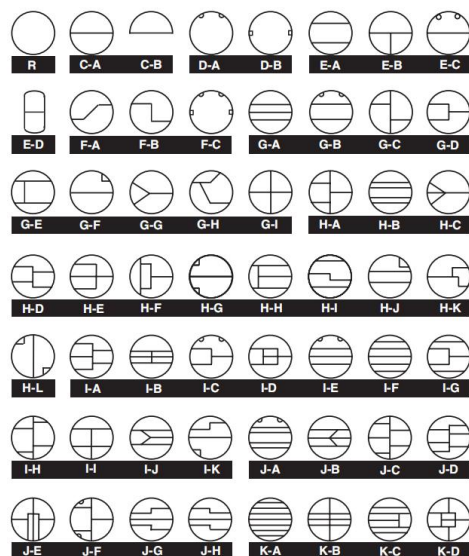
**Core material:**

Flexible graphite, asbestos sheet, non asbestos sheet; ceramic fiber, mica board, high-strength board, etc. Please consult our company for details.

**Available sizes:**

Outer diameter: 5000mm, thickness: 2 ~ 8mm  
Production standard: national standard, American Standard:ASME<JIS,DIN,EN, etc.

Special forms can be produced. Please consult: Metal O-type coated gasket/ Copper O-ring  
Metal jacket gasket with bar for heat ex-changer,type as below:



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## Flange Insulation Set

### Flange insulation gasket set JT-K series



Type E	Model: NO: JT-K01	For FF Flange
Type F	Model NO: JT-K02	For RF Flange
Type D	Model: NO: JT-K03	For RTJ Flange

The insulation group is composed of insulation gasket, casing, insulation gasket and steel gasket. The insulation group is used in two pipeline flanges of different materials to prevent corrosion and related fully conductive insulation protection. It is suitable for offshore insulation, seawater environment, hydrocarbon, chemical insulation, refinery and pipeline insulation.

**Type E Model NO:JT-K01** type E is a full flat gasket (equipped with FF type), which has the same outer diameter and bolt hole as the flange. This design facilitates the correct alignment of the gasket during installation.

Order Material For e.g.:

- PH+MYLAR+PH+ZPS
- G10+SEP+G10+G10+ZPS
- G10+PTFE+G10+G10+ZPS
- RPTFE+G10+G10+ZPS



For High Max.Pressure type: G10+316L+SEP+G10+G10+ZPS

Package: one set per paper box

**Type F Model NO:JT-K02** type F insulating gasket is applicable to convex flange (equipped with RF type). The outer diameter of the insulating gasket of this insulating group is the same as that of the flange, and there are accurate bolt holes.

Order Material For e.g.:

- PH+MYLAR+PH+ZPS
- G10+SEP+G10+G10+ZPS
- G10+PTFE+G10+G10+ZPS
- RPTFE+G10+G10+ZPS



For High Max.Pressure type: G10+316L+SEP+G10+G10+ZPS

Package: one set per paper box

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**Type D Model NO:JT-K03** type D insulating gasket is specially designed for ring groove flange sealing (equipped with RTJ type). It is generally made of phenolic material and GRE and is suitable for ANSI and API specifications. Type D gasket is generally supplied in oval or octagonal shape. In addition, it can also be provided in accordance with BX type. This type is high Max.Pressure resistant.

Order Material For e.g.: PH+MYLAR+PH+ZPS

Package: one set per paper box



## Gasket parameters:

	phenolic resin	Chloroprene rubber composite phenolic resin	Reinforced PTFE	G-7	G-10	G-11
Insulation strength volts / mill	500	500	350	350	550	550
Compressive strength PSI	25000	25000	2300	40000	50000	50000
Water absorption%	1.6	1.6	0.01	0.07	0.1	0.1
Rebound rate PSI	20000	20000	1450	25000	45000	43000
Operating temperature ° f	-65 to+220	-65 to+175	-320 to+500	-320 to+450	-320 to+280	-320 to+349
Operating temperature ° C	-54 to+104	-54 to+79	-320 to+500	-320 to+450	-320 to+280	-320 to+349

## Sealing part parameters

	Nitrile rubber	Fluororubber	Tetrafluoro	Neoprene	EPDM rubber
Operating Temp. ° F	-40 to+250	-20 to+350	-320(-20)to+500(+350)	-320 to+450	-320 to+280
Operating Temp. ° C	-40to+121	-29to+177	-196(-29) to+232(+177)	-320 to+450	-320 to+280

## Sleeve parameters:

	Mylar	Nomex	G7 Silicone Glass	G10 Expoxy/Glass	G-11 Expoxy/Glass
Insulation strength volts / mill	4000	400	350	400	400
Water absorption%	1.6	0.8	N/A	0.1	0.1
Operating temperature ° f	-79 to+300	-65 to+450	-320 to+450	-320 to+280	-320 to+349
Operating temp°C	-59 to+149	-54 to+232	-196 to+232	-196 to+138	-196 to+176

## Insulation washer parameters:

	phenolic resin	G-7	G-10	G-11
Insulation strength volts / mill	500	350	550	550
Compressive strength PSI	25000	40000	50000	50000
Water absorption%	1.6	0.07	0.1	0.1

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Rebound rate PSI	20000	25000	45000	43000
Operating temperature ° f	-65 to+220	-320 to+450	-320 to+280	-320 to+349
Operating temperature ° C	-54 to+104	-196to+232	-196 to+138	-196to+176

## Flat Cut Gasket/Mould Ring

### Pure Graphite gasket JT-F6100

**Key Words:** Expand graphite gasket, Flexible graphite gasket, graphite tanged gasket, flat graphite cut gasket

Flexible graphite gasket, also known as expanded graphite gasket, is made by punching or cutting expanded graphite coil or plate. Expanded graphite does not contain binder and filler, so it has high purity, good corrosion resistance, high / low temperature resistance, good compression resilience and high strength. It is suitable for sealing low-Max.Pressure parts and can prevent electrochemical corrosion between graphite and flange. The flexible graphite gasket can be made into various round and complex geometric gaskets. The flexible graphite gasket can also be made into the form of edge wrapping in the inner and outer rings, which is easy to install, disassemble and not easy to be damaged. It is widely used in the sealing of pipes, valves, pumps, Max.Pressure vessels, heat exchangers, condensers, generators, air compressors, exhaust pipes, refrigerators, etc. the maximum processing size: ~ 1500mm; special specifications Grid or various non-standard products can be formulated according to customer requirements.

[flexible graphite gasket] technical parameters:

project	Company	Numerical value
Density tolerance	g/cm <sup>3</sup>	-0.06~+0.06
Thickness tolerance	mm	-0.04~+0.04
carbon content	%	99
tensile strength	MPa	4.5
compression ratio	%	>40
Rebound rate	%	>10
Sulfur content	ppm	<1000
Chlorine content	ppm	<45
temperature	°C	-200~+600

### Special sharp type



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## Edge wrapping

### Graphite Tanged Gasket JT-F6200

**Key Words: Graphite composite gasket (graphite reinforced gasket, high-strength gasket) graphite wrapped gasket graphite special-shaped gasket**

Graphite tanged gasket, also known as reinforced graphite gasket or high-strength graphite gasket, is perforated or cut from reinforced graphite plate. It has good corrosion resistance, high / low temperature resistance, good compression resilience and high strength. The commonly used inner reinforcement materials of reinforced graphite gasket are SS304, SS316 or tinplate, with a thickness of 0.1 ~ 0.127mm. The forms include sprint plate reinforcement, mesh plate reinforcement and flat plate reinforcement. The commonly used material is 304 reinforced graphite, which can be made into a variety of circular geometric gaskets. It is widely used in pipes, valves, pumps, Max.Pressure vessels, heat exchangers, condensers, generators, air compressors, exhaust pipes, refrigerators, etc. graphite reinforced gaskets can also be cut into gaskets with complex shapes, such as water level gauge gaskets, punched flange gaskets and automotive diesel engines Cylinder gasket. High strength graphite gasket can be processed into the following forms according to the use needs. The wrapped form of graphite composite gasket not only maintains the excellent performance of the original gasket, but also facilitates installation and disassemble, is not easy to damage, and can prevent damage Stop the erosion of the medium on the gasket and improve the Max.Pressure resistance. The commonly used edging material is 304 or 316 stainless steel.

[graphite composite gasket] technical parameters:

Add material	Withstand voltage (n / mm <sup>2</sup> )	temperature		Compression ratio (%)	Rebound rate (%)
		No oxidation	Oxidation state		
Carbon steel sprint plate	≥4.8	-10-450	-10-550	30-35	15-20
SS304, SS316 sprint plate	≥4.8	-240-450	-200-600	30-35	15-30
SS304, SS316 flat rubber plate	≥4.8	-240-450	-200-600	30-40	10-15
SS304, mesh plate	≥4.8	-240-450	-200-600	40-50	15-20

Add material	Air permeability (cm <sup>3</sup> / min) (thickness 1.5mm \)	Tightness (thickness 1.5mm)		Sealing constant	
		N <sub>2</sub> m <sup>3</sup> /hr	Bumming oil Am <sup>3</sup> /hr	"M" factor	"Y" preload ratio
Carbon steel sprint plate	<=0.8	30	<0.5	3.0	9000
SS304, SS316 sprint plate	<=0.8	60	<0.5	2.5	4000

### Pure graphite ring/Graphite Die Ring JT-F6300

**Key words: Graphite molded ring ,graphite self sealing ring ,reinforced graphite, self sealing ring ,graphite packing ring**



Graphite self sealing ring is formed by molding expanded graphite belt, with accurate size and density, without any additional filler or adhesive. The purity of graphite is greater than 98%, and no anti-corrosion treatment is required. Generally, the section of packing ring is square, wedge or V-shaped, and the latter

two are applicable to high-Max.Pressure parts. It is molded from pure flexible graphite, lined with metal, reinforcing material, stainless steel foil, mesh or other materials.

Application:

It has various characteristics of expanded graphite and can withstand severe alternating temperature and Max.Pressure. It is an ideal packing for valves and various static seals. In addition to avoiding the use when the valve stem is seriously damaged, it can be used alone or combined with high carbon fiber packing end ring to prevent packing extrusion.

The following are the technical parameters.Scope of services:

	Blower (dry running)	blender	valve
Max.Pressure	10Bar	50Bar	800 Bar
speed	10m/s	5m/s	2m/s
density	1.2 ~ 1.75g/cm <sup>3</sup> (general: 1.6g/cm <sup>3</sup> )		
temperature	-220 ~ + 550 ° C (+ 2800 ° C non oxidizing atmosphere)		
PH value	0~14		

Gasket type:

Molded ring (cut or no cut) straight incision/ oblique incision,45degree cut, 90degree cut/Drawing.

Thickness 5mm~15mm ;Size:5mm~1000mm

### PTFE gasket JT-F7100



**Key Words:** Pure teflon gasket, Pure PTFE Gasket, PTFE gasket, flat PTFE gasket (Teflon gasket), PTFE Cut Gasket

All known as PTFE gasket, also known as PTFE gasket or Teflon (Tie Fulong) gasket, made of mechanical, cutting or cutting flat gaskets, V gaskets, piston rings, ball valve washers made of PTFE rods, pipes and plates. PTFE pH 0-14 (except molten alkali metal and fluorine under high temperature and high Max.Pressure). It can have good mechanical strength between - 100 °C and 100 °C. Max.Pressure 10MPa. Note: when the pure temperature is lower than - 185 °C. PTFE gaskets can become brittle. Pure PTFE gasket is a clean sealing product, which will not pollute any substance it comes into contact with. It can be widely used in food, medicine and other industries.

**Standard:** ASME B 16.20, JIS, EN, DIN etc Drawing can make.

### PTFE Envelop Gasket JT-F7200




PTFE Envelop Gasket is made of PTFE flexible core material which is processed by professional equipment. It is mainly used as sealing gasket of flange, column groove, and equipment in the working condition of strong acid and halogen liquid or non contaminant food stuff industry, medicine field, etc. It is corrosion-resistance, and can be used in most chemicals, especially the toxic, strong acid, strong alkaline and caustic midum, except the alkali metals and high temperature fluoride. It's widely used in the chemistry, petrochemical engineering, pharmacy and food industry, etc.

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	<p>PMF Type (PMF)</p> <p>It's one of the most commonly used and economical gasket. It is applied to all kinds of situation except the erosive fluid and thick embedded material.</p>
	<p>PFT Type (PFT)</p> <p>It's applied to big size gasket and toxic chemicals.</p>
	<p>PMS Type (PMS)</p> <p>It's applied to fluid with thick embedded material or erosive fluid. It can reduce the liquid remained in the inside diameter of flange.</p>

### Modified PTFE gasket JT-F7300

Modified PTFE gasket different modified materials can provide good machining performance, electrical conductivity, thermal conductivity, corrosion resistance, wear resistance and low friction coefficient. It is widely used in valve seals, bearings, guide rails with acid and alkali resistance requirements, compressors, air conditioning accessories, etc. different modified materials, combined with the characteristics of PTFE itself, broaden its application field.

#### Graphite filled (modified PTFE gasket) /JT-F7300S PTFE gasket

Graphite filled Teflon gasket, also known as graphite modified Teflon gasket or black Teflon gasket, is made by adding a certain amount of filler with teflon resin, such as glass fiber, bronze powder, molybdenum disulfide, graphite, carbon fiber, etc. after high-speed mixing, it is molded and sintered at high temperature. It has excellent compressibility, recovery and sealing. It has unique properties and advanced characteristics overcomes the shortcomings of traditional PTFE in terms of cold flow and creep characteristics of materials. At the same time, it can better maintain the bolt load than traditional PTFE, which not only improves the durability of seal, but also reduces the maintenance of flange. The advantages of Graphite Filled PTFE gasket are: low friction coefficient, good compressible strength and improved wear resistance utility model greatly exceeds the traditional one, which not only improves the environment but also saves the cost. It is suitable for chemical industry, petrochemical industry, hydrocarbon reaction and power plant.

#### Glass fiber filled PTFE gasket (modified PTFE gasket) JT-F7300B

Glass fiber filled Teflon gasket, also known as glass fiber modified Teflon gasket, is made by adding a certain amount of filler with teflon resin, such as glass fiber, bronze powder, molybdenum disulfide, graphite, carbon fiber, etc. after high-speed mixing, it is molded and sintered at high temperature. It has color compressible, recovery and sealing. Its unique properties and advanced characteristics show sealing In terms of cold flow and creep characteristics of materials, it overcomes the shortcomings of traditional PTFE. At the same time, it can better maintain the bolt load than traditional PTFE, which not only improves the durability of seal, but also reduces the maintenance of flange. The advantages of glass fiber filled PTFE gasket are: improving wear resistance and chemical medium resistance; making its use much more than traditional PTFE. It not only improves the environment but also saves the cost. It is suitable for chemical, petrochemical,

hydrocarbon reaction and power plant. It is especially suitable for sealing occasions in food, pulp, paper-making, pharmaceutical industry and other environments where pollution is not allowed.



**Compressed Non asbestos gasket JT-F8100**

Non-asbestos gasket is made by cutting non-asbestos sheet and imported Klinger, Tensi, 3Star, sheets into various shapes. It's widely used in static seal of boats, oil refining and chemical engineering and so on.

Item	Non-asbestos Sheet			Oil Proof Non-asbestos Sheet		
	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9
Density g/cm <sup>3</sup>	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9	1.7-1.9
Tensile Strength Mpa	6	9	12.5	8	11	12
Compression Ratio ≥%	12±5	12±5	12±5	12±5	12±5	12±5
Resilient Rate ≥%	40	45	45	45	50	50
Stress Relaxation ≥%	45	45	45	45	45	45
Max Temperature: °C	200	300	400	250	350	450
Max Max.Pressure: Mpa	1.5	3.0	5.0	2.0	3.0	4.0
Applied Medium	water, vapor, salt, etc.			oil, salt, etc.		
Common Size	Width: 1500mm,1350mm; Length: 1350mm,1500mm,2000mm,3000mm; Thickness: 0.5-5mm					

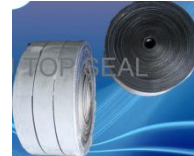
**Other flat cutting gasket**

Model No	Product Name	Cut from Sheet Material
JT-G8100	Compressed Non Asbestos Gasket	Non Asbestos sheet
JT-G8200	Compressed Asbestos Gasket	Asbestos sheet
JT-G8300	Aramid rubber fiber gasket	Blue Aramid rubber sheet
JT-G8400	Rubber Gasket	EPDM/NBR/SBR/Fluorine/Rubber sheet



## Sealing Tape

### Graphite sealing tape with adhesive tape JT-F6500



**Key Words:** Graphite sealing belt graphite corrugated belt

The graphite corrugated strip is cut into strips by a high-precision lathe, and then rolled into corrugated shape by a special pattern pressing roller. Compared with the traditional graphite strip cutting, it has higher precision, less damage to the graphite coil, and the cutting part is smooth without burr. Optional with or without back glue.

**Application:** Graphite sealing tape can usually be used as surface bonding material for metal toothed gasket or corrugated gasket;

When used as packing stuffing box, directly wind the graphite belt on the shaft of pump and valve, wind it to a certain size, and then compact it with gland;

It is especially convenient to use in small diameter valves and other emergency maintenance, and there is no need for packing spare parts of various sizes;

It is usually used in some media and occasions where conventional materials are difficult to adapt, such as hot water, high temperature and high Max. Pressure pump valve, hydrogen, ammonia and organic solution.

#### Graphite grade:

Density tolerance g / cm <sup>3</sup>	± 0.05 ±0.06	Graphite content ≥%	98 / 99/99.5
Tensile strength ≥ MPa	54	Compression ratio ≥%	30
Rebound rate ≥%	15	Sulfur content ≤%	700 1200
Chlorine content ≤%	25 50	Stress relaxation rate%	10
Loss on ignition rate ≤%	0.5 2.0		

**Main purpose:** emergency measures for on-site emergency repair. It is used as packing in pumps, valves and dynamic and static sealing parts

**Available specifications:** thickness: 0.4-0.6mm width: 6-100mm length: 15M in common, 20M in each roll

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### Expand PTFE Sealing Tape adhesive tape JT-F6600



We can supply different thickness and width of Expanded PTFE Banding Sealing Tape. It can be easily and conveniently shaped, and it's no need cut in advance. The back of the gasket is attached adhesive tape, and it is anticorrosion, soft, and conveniently used. It is ideal sealing material of the middle and low temperature medium, non pollution medium, ceramics, glass, rough and abnormal sealing surface.

#### Function Feature:

#### Specification:

Thickness mm	Width mm	Max Temp.	Max. Pressure	Density
3mm~10mm	5~100mm	-260℃+260℃	< 20 MPa	0.6 ~ 0.8 g/cm <sup>3</sup>

### Expand PTFE valve rod filler JT-F6700



**Key words:** PTFE sealing round cord

Expanded PTFE teflon valve rod filler is another brand-new product of expanded teflon materials. It has all the features for expanded teflon sealing ribbons. It has a round cross section. Used to seal the filler of the valve rod. Automatic moulding, speedy and easy mounting and filling, Like twining a spring, twine it on the valve rod, then press the cover, and the filler will be formed automatically, giving a complete and precisely sealing ring without any additional processing.

**Max. Pressure working:** 19.6Mpa / **Temperature working:** -248℃~315℃

Superior filling performance allows to fill up the defects which may create leakages. Superior sealing performance as well.

Very strong interchangeability: just to have products with several typical specifications, they can replace many kinds of similar design-finalized asbestos packing. Ageing-resistant, every to purchase and store.

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# Gasket Sheet/SL series



## Asbestos Gasket Sheet JT-SL1

This series takes asbestos as stuffing ,natural rubber and butadiene-styrene rubber as binding agent ,and organic fiber as frame.the sealing sheet material comes into being through roll-in.

Major colors:blue,green,yellow, black,gray,red,white,purple,and silver etc(color of asbestos inside)

### General Size: Length \*Width:

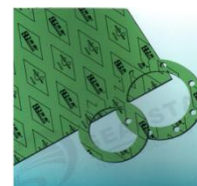
1270\*1270mm, 1270\*3810mm, 1500\*1500mm, 1500\*4500mm, 1500\*4000mm, 1500\*1350mm, 1500\*2000mm, 1500\*1000mm

**Thickness:** 0.3 , 0.5 , 0.8 , 1.0, 1.5, 2.0,2.5,3.0 4.0, 5.0,6.0Major thickness:0.4-6.0mm

**Remarks:**Metal wires are applicable to products with a thickness over 0.8mm.Products of all specification and thickness may be painted with graphite and anti-bonding agent on the both sides.It can be produced at resisting temperature150°C-510°C.

Model No	Type	Temp	Using Medium
SL-XB2200	Common ASB Sheet	Use Temp:200°C	No-Oil,No-Acid,Non-Corrosive
SL-XB2300	Common ASB Sheet	Use Temp:300°C	No-Oil,No-Acid,Non-Corrosive
SL-XB2400	High Temp ASB sheet	Use Temp:400°C	No-Oil,No-Acid,Non-Corrosive
SL-XB2500	High Temp ASB sheet	Use Temp:500°C	No-Oil,No-Acid,Non-Corrosive
SL-NY2150	Oil-resisting&acid-resisting ASB sheet	Use Temp:150°C	Oil
SL-NY2250	Oil-resisting&acid-resisting ASB sheet	Use Temp:250°C	Oil
SL-NY2300	Oil-resisting&acid-resisting ASB sheet	Use Temp300°C	Oil
SL-NY2400	Oil-resisting&acid-resisting ASB sheet	Use Temp:400°C	Oil
SL-XB3150	Alkaline-resisting ASB sheet	Use Temp:100°C~150°C	Water,Vapor,Alkaline Liquor,Hot Air

## Compressed Non Asbestos Gasket Sheet JT-SL2



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**Material:** non-asbestos sheet is made from selected asbestos fiber, or agamid fiber, and natural rubber, filling material and dye.

**Usage:** Gasket material for use on;

**Function:** made from Kevlar fiber, synthetic rubber, filling material and dye, compressed and calendared under high temperature and Max.Pressure into a sheet form. It eliminates asbestos-rubber sheet essentially and thoroughly.

**General Size: Length \*Width:**

1270\*1270mm, 1270\*3810mm, 1500\*1500mm, 1500\*4500mm, 1500\*4000mm, 1500\*1350mm, 1500\*2000mm, 1500\*1000mm

**Thickness:** 0.3, 0.5, 0.8, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0

**Color:** Black, White, Blue, Green-white, Yellow, etc. (color of asbestos inside)

Provide insert of tin steel, cooper, ss304, etc, wire mesh

Provide anti-stick, graphite coating, logo printing

Model No	Type-A Level Non ASB Sheet	Temp	Using Medium
SL-NY4150	100% Non-ASB Sheet	Use Temp:100~150°C	Water, Hot Water, Common Gas, Weak Acid, Weak Base and Oil etc
SL-NY4200	100% Non-ASB Sheet	Use Temp:150~200°C	Tap water, industrial water, hot water, common gas, acid, base and oil with moderate strength etc
SL--NY4250	100% Non-ASB Sheet	Use Temp:200~250°C	Air, Water, Seawater, hot water, Steam, Petroleum and acid and base with moderate strength etc.
SL--NY4200	100% Non-ASB Sheet	Use Temp:500°C	No-Oil, No-Acid, Non-Corrosive
SL-NY5300	100% non asbestos with graphite	Use Temp:300°C	Resisting Oil and strong acid
SL-NY5350	100% non asbestos with graphite	Use Temp:350°C	Resisting Oil and strong acid/Alkaline
SL-NY5400	100% non asbestos with carbon fiber	Use Temp:400°C	Black color /High temp type

Model No	Type-B Level Non Asbestos Sheet	Temp	Using Medium
SL-NY3150	Non-ASB Sheet with <5% asbestos fiber	Use Temp:1150°C	Water, Vapour, Hot oil, Alkaline liquor, Chemical agent, hot air
SL-NY3200	Non-ASB Sheet with <5% asbestos fiber	Use Temp:200°C	Water, Vapour, Hot oil, Alkaline liquor, Chemical agent, hot air
SL--NY3300	Non-ASB Sheet with <5% asbestos fiber	Use Temp:200~250°C	Water, Vapour, Hot oil, Alkaline liquor, Chemical agent, hot air
SL--NY3350	Non-ASB Sheet with <5% asbestos fiber	Use Temp:500°C	Water, Vapour, Hot oil, Alkaline liquor, Chemical agent, hot air





### Graphite Gasket Sheet JT-SL3

**Flexible Graphite Sheet and Rolls** is made from high purity graphite, it is used can be expanded graphite particles formed by the high temperature expansion of repression, it retains the high temperature crystalline flake graphite, corrosion resistant, self lubricating, etc.



**Graphite Sheet Reinforced with Metal Foil** is made from there layers, at the middle of the flexible graphite sheet is one stainless steel foil. Through specially pressing or sticking process. The insert materials can be SS304, SS316, Nickel, etc. It can be used in the condition of high temperature, high Max.Pressure and sealing.

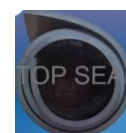
**Graphite Sheet Reinforced with Tanged** metal insert is made from Flexible graphite sheet through specially pressing or sticking process. The insert materials can be SS304, SS316,SS321 Nickel, etc. It used in kinds of conditions, and various gaskets

Model No	Product Name		Material	Type
SL-G01	Flexible Graphite Sheet and Rolls		Pure Graphite	Flat/Rolled
SL-G02	Graphite Sheet Reinforced with Metal Foil		With SS304/316/316L/321/CS/Tinplate	Flat Foil
SL-G03	Graphite Sheet Reinforced with Tanged		With SS304/316/316L/321/CS/Tinplate	Flat Tanged

\*Graphite and Asbestos sheet for explosion engine cylinder gasket sheet can provided.

### PTFE Sheet JT-SL4

Model No	Product Name	Photo	Material	Color
SL-P01	Pure PTFE Sheet		100% virgin PTFE by machine moulding or lathing	White
SL-P02	Expand PTFE Sheet		Modified PTFE,glass fiber so on filled	Blue



### Rubber Sheet/Gasket JT-SL5

Common used for rubber gasket cutting, materials of rubber gasket are NBR , SBR rubber,Silicone rubber, EPDM rubber, Fluorine rubber etc, and is processed though recipe

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optimization, mixing, flaking, molding, sulfuration and so on. It is applied to different kinds of pumps, valves and pipe flange joint.

Model No	Product Name	Size	Color
SL-R01	NBR Sheet	Thickness:1mm~50mm    Width:500mm    to    3M Length:500mm to 10M Layer:Single or Double Insert: Nylon,Cotton ect. Performance:anti-aging,anti-ozone,good electrode and tire bearing.	Black
SL-R02	SBR Sheet		Black
SL-R03	EPDM Sheet		Black
SL-R04	Fluorine Sheet		Black
SL-R05	Silicone Sheet		White





# Gland Packing

Gland Packing is braided by fiber yarn, we supply various material.

Graphite packing	JP-1000series
PTFE packing	JP-2000series
Carbon fiber packing	JP-3000series
Aramid fiber packing	JP-4000series
Other fiber Packing	JP-5000series

Braid way:



**A) Lattice-Braided** :Woven on two tracks with spindles 8, 12, 16, 24, 36, 48 and 60. The braid is determined according to the packing specification. Generally, 1~4 layers are woven without pile cores in the middle. The braid filler has good compactness and strong sealing performance. However, because it is a braid layer, there is no fiber connection between the layers, which is easy to denomination, so it is mostly used for static sealing or low-speed equipment.

**B) Inter-Core-Braided**: Its a kind of braiding with rubber or metal as the core, fiber outside, layer by layer, and the number of layers depends on the needs. It is similar to jacketed braiding. This braid has good compactness, high strength, good bending performance and good sealing performance. However, like jacketed structure, the surface layer is easy to fall off after wear. It is generally used in pumps and valves, and rarely used in reciprocating equipment.

**C) Plait-Braided** :Eight spindles are used for braiding on the two tracks. There is no pile core at the four corners and the middle. The braided product has a square cross section. It is characterized by loose packing, but it can compensate for shaft vibration and eccentricity. It is only used for small cross-section fillers. However, large cross-section size will lead to the defects of rough surface pattern, loose structure and poor compactness of the fillers

**D) Interlock-Braided**: Its made by weaving 8, 12, 16, 24, 36, 48, 60 spindles on three or four tracks. The cross section is square, the surface is flat, the elasticity and wear resistance are good, the strength is high, and the compactness is good. The contact surface with the shaft is larger and more uniform than the braid type, and the air gap between the fibers is small. Therefore, it has good sealing performance. After the surface layer is

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worn, the whole filler will not be loose, and the service life is long. It is a relatively advanced weaving structure.

## Graphite Packing /JT-1000series

Our factory have cooperation with graphite mine, we provide various graphite packing with competitive price. Common type we have stock, special type can make.

Model No.	Expanded graphite packing
JP-1001	Graphite packing reinforced by cotton fiber
JP-1002	Graphite packing reinforced by glass fiber
JP-1003	Graphite packing reinforced by Inconel wire
JP-1004	Graphite packing reinforced by Multi-Inconel wire
JP-1005	Graphite packing reinforced by stainless steel wire
JP-1006	Graphite packing reinforced by cooper insert
JP-1010	Graphite gland packing with carbon fiber corner
JP-1020	Low sulfur graphite packing
JP-1030	Graphite packing with PTFE impregnated
JP-1040	Outside crocheted Inconel jacket graphite packing
JP-1050	Graphite packing with PTFE corner
JP-1060	External wire braided graphite packing (Outside braided Inconel Jacket graphite packing)
JP-1070	Corrosion inhibitor graphite packing

### Graphite packing reinforced by cotton fiber



#### Model No: JP-1001/JP-1002

This graphite packing made from graphite yarn cross braided. It combines all the advantages of the flexibility, compressibility and eases of installation of a conventional packing; low coefficient of friction and high thermal conductivity; extended shelf life, does not harden. Good alternative to pre-formed graphite ring.

Graphite packing types:

#### Application areas:

Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas.

Application media:

Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents. Suitable for all processes, except with highly oxidizing media.

#### Advantages:

Provide economic alternatives to asbestos packing, reduce maintenance time and cater for very demanding duties. Due to average density is from 1.20gr/cc to 1.30gr/cc only, it yields more meters per kg, which makes it very economical.

#### Technical data:

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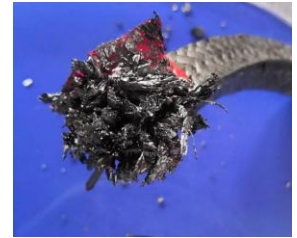
	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	20 Mpa
Shaft speed:	20 m/s rotary		
Temperature	-200°C to +455°C atmosphere; to +650°C in steam		
PH range	0~14		

Other reinforced materials are also available.

Not suitable for: Except with highly oxidizing agents. Supply OEM products.

**Package:** common size: 5kg/roll, 10kg/roll, etc.

**Graphite packing reinforced by Inconel wire/ Multi-Inconel wire**



**Model No: JP-1003**

Each strand is reinforced with an Inconel wire. Combines the benefits of a coil-form packing with the sealing efficiency of pre-formed pure graphite rings; high Max.Pressure- and extrusion resistance; excellent thermal conductivity; suitable for a wide temperature range.

**Application areas:**

Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas.

**Application media:**

Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents. Suitable for all processes, except with highly oxidizing media.

**Advantages:**

Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	30 Mpa
Shaft speed:	23m/s rotary		
Temperature	-200°C to +455°C atmosphere; to +650°C in steam		
PH range	0~14		

Also can be supplied packing with a corrosion inhibitor.

Not suitable for: Except with highly oxidizing agents.

**Other types:**

Graphite packing reinforced by Multi-stainless steel wire ---competitive with JP-1P40, it has similar performance, but more economical efficiency.

Graphite packing reinforced by Multi-copper wire ---To further improve electricity conduct.

**Package:** 5kg/roll, 10kg/roll, etc.

Supply OEM products.



## Graphite packing reinforced by SS wire/Multi-SS wire



### Model No: JP-1005

Each strand is reinforced with a stainless steel wire. Combines the benefits of a coil-form packing with the sealing efficiency of pre-formed pure graphite rings; high Max.Pressure- and extrusion resistance; excellent thermal conductivity; suitable for a wide temperature range.

**Application areas:** Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas.

**Application media:** Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents. Suitable for all processes, except with highly oxidizing media.

**Advantages:** Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

#### Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	30 Mpa
Shaft speed:	23m/s rotary		
Temperature	-200 to +455°C atmosphere; to +650 °C in steam		
PH range	0~14		

Also can be supplied packing with a corrosion inhibitor.

Not suitable for:

Except with highly oxidizing agents.

Other types:

Graphite packing reinforced by Multi-inconel wire

Graphite packing reinforced by Multi-copper wire ---To further improve electricity conduct.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

## Graphite gland packing with carbon fiber corner

### Model No: JP-1010

Graphite gland packing with carbon fiber corner is braided from expanded graphite yarn, which can withstand high temperature and carbon fiber with superior corrosion resistance. The carbon fiber in four corners provides higher resistance to extrusion and attrition. This packing can effectively avoid leakage, especially suitable in application of powder station's valve with high temperature and Max.Pressure.

#### Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	30 Mpa
Shaft speed:	23m/s rotary		
Temperature	-200 to +565°C atmosphere; -200 to +650°C (in steam)		

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PH range	0~14
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**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Low sulfur graphite packing

#### Model No: JP-1020

Made from low sulfur graphite yarn (sulfur content<300ppm) cross braided. Reduce the corrosion make the equipment return to service quickly, increase operation life of equipment, reduce consumptions of spare parts, and improve equipment reliabilities.

#### Application areas:

It is the ideal choice for rotary slurry service, such as rotary shafts of pumps, agitators, mixers, crystallizers, filters, continuous digesters, etc.

#### Application media:

It covers a pH range from 0~14 and can be used with water, brine, steam, acids, lyes, chemicals, solvents, liquors, oils and greases, etc.

#### Advantages:

Idea substitute packing for normal packing and wider range of application

Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	20 Mpa
Shaft speed:	20 m/s rotary		
Temperature	-200°Cto +455°Catmosphere; to +650°Cin steam		
PH range	0~14		

Other reinforced materials are also available.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Graphite packing with PTFE impregnated

#### Model No: JP-1030

Each strand impregnated in PTFE as a blocking agent thus creating a non-straining packing. Compared to traditional graphite packing, it has excellent cross-section tightness, structural strength and very low friction-value, wear resistant, yet gentle to shaft and stem.

Application areas:

It is the ideal choice for high temperature rotary slurry service, such as rotary shafts of pumps, agitators, mixers, crystallizers, filters, continuous digesters, etc.

Application media:

It covers a pH range from 0~14 and can be used with water, brine, steam, acids, lyes, chemicals, solvents, liquors, oils and greases, etc.

Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	20 Mpa
Shaft speed:	20m/s rotary		
Temperature	-200°Cto +455°Catmosphere; to +650°Cin steam		
PH range	0~14		

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Outside crocheted Inconel jacket graphite packing

#### Model No: JP-1040

Woven metal wire hooks outside the graphite packing is graphite Inconel wire mesh compiled. This line of thick but flexible braided packing combines the benefits of a coil-form packing with the sealing efficiency of pre-formed pure graphite rings; high Max.Pressure- and extrusion resistance; excellent thermal conductivity; suitable for a wide temperature range.

**Application areas:**

Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas.

**Application media:**

Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents. Suitable for all processes, except with highly oxidizing media.

**Advantages:**

Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	-	30 Mpa	48 Mpa
Shaft speed:	23m/s rotary		
Temperature	-200 °Cto +555°Catmosphere; to +850°Cin steam		
PH range	0~14		

Also can be supplied packing with a corrosion inhibitor. Other reinforced materials are also available.

**Package:**Common size:5kg/roll, 10kg/roll,etc.

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### External Wire Braid Graphit Packing/Outside Braid Inconel Jacket Graphite Packing

#### Model No: JP-1060

Each strand is reinforced with an Inconel jacket mesh. It has the excellent cross-section tightness, structural strength. Combines the benefits of a coil-form packing with the sealing efficiency of pre-formed pure graphite rings; high Max.Pressure- and extrusion resistance; excellent thermal conductivity; suitable for a wide temperature range.

#### Application areas:

Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas.

#### Application media:

Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents. Suitable for all processes, except with highly oxidizing media.

#### Advantages:

Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

#### Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	-	28 Mpa	45 Mpa
Shaft speed:	23m/s rotary		
Temperature	-200° C to +555°Catmosphere; to +850° C in steam		
PH range	0~14		

Also can be supplied packing with a corrosion inhibitor.

Other types:

**JP-1061** Outside braided stainless steel wire Jacket graphite packing ---competitive with **JP-1060** it has similar performance, but more economical efficiency.

**JP-1062** Outside braided Aramid fiber Jacket graphite packing.

**Package:**Common size:5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Corrosion Inhibitor Graphite Packing

#### Model No: JP-1070

Compared with other series of graphite packing, it has the similar performance. But the corrosion inhibitor acts as a sacrificial anode to protect the valve stem and the stuffing box. This packing does not score the shaft and the shaft and minimizes sleeve replacement cost.

Application areas:

It is the ideal choice for high temperature rotary slurry service, such as rotary shafts of pumps, agitators, mixers, crystallizers, filters, continuous digesters, etc.

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**Application media:**

It covers a pH range from 0~14 and can be used with water, brine, steam, acids, lyes, chemicals, solvents, liquors, oils and greases, etc.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	10 Mpa	20 Mpa
Shaft speed:	20 m/s rotary		
Temperature	-200℃to +455℃atmosphere; to +650℃in steam		
PH range	0~14		

Other reinforced materials are also available.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

**PTFE Packing /JP-2000series**

Model No.	PTFE packing
JP-2000	Pure PTFE packing (white color /dry)
JP-2010	PTFE packing with lubricant (with color/with oil)
JP-2020	PTFE filament fiber packing
JP-2021	PTFE multi-filament fiber packing
JP-2030	PTFE Graphite multi-filament fiber packing
JP-2040	PTFE packing with silicone core
JP-2050	PTFE Graphite packing (black color/dry)
JP-2060	PTFE Graphite packing (black color/oil)
JP-2070	Reinforced PTFE braided packing
JP-2080	Reinforced PTFE graphite packing
JP-2090	PTFE graphite packing braided in zebra

**Pure PTFE packing (white color)Dry type**



**Model NO:JP-2000**

PTFE braided packing is braided of raw film twists of pure PTFE dispersion resins. This kind of packing is made of 100% pure PTFE, with no other addition so it is widely used in pumps and valves with highly cleaning request and strong corrosion, such as the industries of wine,juicy, food, medicine,paper plant, chemical products,ect.

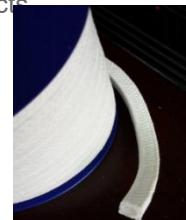
**Technical data:**



	Rotating	Reciprocating	Valves
.Max.Pressure	2 Mpa	8 Mpa	15Mpa
Max.Linear speed:	6 m/s	1.5 m/s	1.5 m/s
Temperature	-40°C to +260°C atmosphere		
PH range	0~14		

The packing core can be replaced as red rubber core as request. Supply OEM products

**Package:** 5kg/roll, 10kg/roll, etc.



### PTFE Packing with Lubricant

#### Model NO:JP-2010

Braided by PTFE fiber yarns and treated with a special inert lubricant. Under a minimum pressure of the stuffing box, it keeps unchanged in the long run. The low friction coefficient prevents the surface of the shaft from forming heat even in the presence of high peripheral speeds. It is suitable for high-concentrated chemical products, strongly aggressive and oxidant. Rubber core is also available. Supply OEM products.

**Package:** 5kg/roll, 10kg/roll, etc.

### PTFE filament packing with PTFE impregnated

#### Model NO:JP-2020

Braided from PTFE filament and impregnated with PTFE dispersion. It has the better internal structure, higher cross-sectional density and structural strength than traditional PTFE packing.

Application areas:

Multipurpose packing widely used in piston pumps, mixing agitator, the reaction to push, industrial and chemical industries with the valves.

#### Application media:

For a variety of media, including corrosive medium: hot and cold water, steam, solvents, oil, grease, dilute acids and alkali, salt water, sewage and so on.

Advantages:

Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

#### Technical data:

	Rotating	Reciprocating	Valves
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Max.Pressure	3 Mpa	15 Mpa	25 Mpa
Shaft speed:	12 m/s rotary		
Temperature	-200℃to +280℃		
PH range	0~14		

Other types:PTFE filament packing with PTFE impregnated and silicon sore.Supply OEM products.

**Package:**5kg/roll, 10kg/roll,etc.

### PTFE Multi-Filament fiber packing



#### Model No: JP-2021

Braided from bust PTFE filament and impregnated with PTFE dispersion. It has the better internal structure, higher cross-sectional density and structural strength than traditional PTFE packing.

**Application areas:**Multipurpose packing widely used in piston pumps, mixing agitator, the reaction to push, industrial and chemical industries with the valves.

**Application media:**For a variety of media, including corrosive medium: hot and cold water, steam, solvents, oil, grease, dilute acids and alkalis, salt water, sewage and so on.

**Advantages:**Suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

#### Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	3 Mpa	16 Mpa	28 Mpa
Shaft speed:	12 m/s rotary		
Temperature	-200℃to +280℃		
PH range	0~14		

Other types:Bust PTFE filament packing with PTFE impregnated and silicon sore.Supply OEM products

**Package:**5kg/roll, 10kg/roll,etc.

### PTFE Graphite packing (black color)



#### Model NO:JP-2050(Dry)/JP-2060(Oil)

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PTFE braided packing with graphite is woven of graphite PTFE yarn twisted through a mixture of PTFE dispersion resins and fine graphite powder, with a moderate amount of heat-resistant lubricant. Apart from its corrosion resistance, it has thermal conductivity and self-lubricating properties, and is suitable as dynamic sealing in-conditions with media flow of high Linear velocity (about 16m/s).

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	2.5Mpa	8 Mpa	15Mpa
Max.Linear speed:	12 m/s	2 m/s	2m/s
Temperature	-75°C to +280°C atmosphere		
PH range	0~14		

We provided GORE fiber from USA to make the similar packing with better sealing effect and longer usage life. Supply OEM products.

**Package:**5kg/roll, 10kg/roll,etc.

### Carbon Fiber Packing /JP-3000series

Model No.	Carbon fiber packing
JP-3000	Carbon fiber packing
JP-3010	High Carbon fiber packing impregnated in graphite
JP-3020	Carbonized fiber packing impregnated in graphite
JP-3030	Carbonized fiber packing impregnated in PTFE
JP-3040	Graphite packing reinforced by stainless steel wire/Inconel wire
JP-3050	Graphite Fiber Packing with graphite

#### Carbonized fiber packing impregnated in PTFE



**Model NO:JP-3030**

Carbonized fiber packing is manufactured by heating polyacrylonitrile fiber into carbonized fiber, which is then braided into packing after impregnation in PTFE dispersion. This item has good heat conduction and low corrosion rate, and the price is relatively lower, so it's generally used in dynamic sealing in the presence of weak acid or alkaline media, or media that contains few solid particle grains.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	3.5Mpa	12 Mpa	15Mpa

Shaft speed:	15m/s	2m	2m/s
Temperature	-100°C to +260°C		
PH range	2~12		

**Other types:** reinforced by Inconel wire/SS wire in each strand/Supply OEM products.

**Package:** 5kg/roll, 10kg/roll, etc.

## Carbon fiber packing with Graphite



### Model NO:JP-3010

Diagonal braided to form a dense but pliable packing, further enhanced with blocking agent. Each strand carbon fiber is treated with graphite particles and lubricant.

**Application areas:**

Excellent all-round valve packing can also be used for static applications in many different industries like pulp- and paper, power stations, chemical and pharmaceutical industries and many more.

**Application media:**

It covers the full PH-range and can be used with nearly all media: cold and hot water, steam, chemicals, hot gases, alcohol, solvents, heat transfer agents, etc.

**Advantages:**

Because carbon fiber packing is a very affordable high quality valve packing, many companies have standardized on it. Because its coefficient of thermal expansion is very similar to that of steel it needs less adjustments of the gland. Low coefficient of friction means low wear of valve stems.

**Technical data:**

	Rotating	Reciprocating	Valves
Max. Pressure	3 Mpa	10 Mpa	30 Mpa
Shaft speed:	15m/s rotary		
Temperature	-150°C to +850°C		
PH range	0~14		

**Other types:** JP-4040 carbon fiber packing reinforced by Inconel wire/SS wire in each strand

Not suitable for:

Highly concentrated corrosive acids./Supply OEM products.

**Package:** 5kg/roll, 10kg/roll, etc.

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Carbon fiber packing impregnated in graphite/(with Inconel wire)

Mold NO: JP-3010#

Carbon fiber packing impregnated in graphite is diagonally braided from pure carbon fibre, with a special graphite impregnation and a silicone-free lubricant. It lacks the usual stiffness of pure carbon packing, it has superb thermal conductivity and a very low coefficient of friction. Contrary to many packing made from synthetic fibre, it does not shrink, even if subjected to high temperature: no shrinkage at temperatures of up to 300°C thanks to its outstanding dimensional stability. Because of the excellent chemical and mechanical properties of carbon, this packing is resistant against most aggressive and abrasive media.

Application areas:

Multi-purpose packing usable for a very wide range of applications. Particularly well suited for all demanding dynamic applications, like boiler-feed-pumps, mixers, agitators, refiners, etc., but also for static applications like valves, autoclaves, reactors, etc., in a wide variety of industries like power stations, pulp and paper, pharmaceutical, the chemical and petrochemical industry and many more.

Application media:

It can be used with nearly all media, from hot and cold water, waste water, alcohol, solvents, to aggressive chemicals and gases, heat transfer agents etc.

Advantages:

Because its coefficient of thermal expansion is similar to that of steel, it needs minimal adjustments of the gland which reduces maintenance expenditure. The very low coefficient of friction results in low shaft wear and assures regular running of pump.

Not suitable for: Highly concentrated corrosive acids.

Technical data:

	Rotating	Reciprocating	Valves
Pressure	3 Mpa	10 Mpa	30 Mpa
Shaft speed:	15m/s rotary		
Temperature	-150°C to +850°C		
PH range	0~14		

Other types: carbon fiber packing reinforced by Inconel wire in each strand. Supply OEM products.

Not suitable for: Highly concentrated corrosive acids

Package: 5kg/roll, 10kg/roll, etc.

Carbon fiber packing with Graphite



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## Mold NO: JP-3050#

Carbon fiber packing with graphite is woven of strong carbon fiber after softening treatment and impregnation with a mixture latex of fine graphite powder, PTFE dispersion and lubricant. It is chemical resistant, heat conductive and with high strength, so this item is widely used with revolving and reciprocating pumps in which chemical corrosive media and particle grains exist. The successful test result in application of high pressure ammonium and liquid ammonia pumps proved it's the best sealing material for high pressure, high temperature and corrosion.

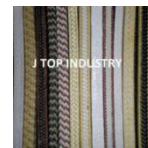
### Technical data:

	Rotating	Reciprocating	Valves
Max.Pressure	5Mpa	15 Mpa	25Mpa
Shaft speed:	15m/s	2m	2m/s
Temperature	-200℃to +650℃STEAM/-200℃to +565℃ATMOSPHERE		
PH range	0~14		

Not suitable for:Highly concentrated corrosive acids

**Package:**5kg/roll, 10kg/roll,etc.

## Aramid Fiber Packing/JP-4000series



Model No.	Aramid fiber packing
JP-4000	Aramid fiber packing
JP-4010	PTFE with aramid in four corners packing
JP-4020	PTFE graphite packing reinforced with Aramid in four corners
JP-4030	PTFE with Aramid in Zebra Braided Packing
JP-4040	Spun Aramid fiber packing
JP-4050	Graphite spun aramid fiber packing
JP-4060	Composite aramid fiber packing
JP-4070	Nomex Fiber Packing

### Aramid fiber packing

#### Model No:JP-4000

Diagonally braided from continuous Aramid fibers, impregnated with PTFE and high temperature silicone oil. Extremely tough and durable packing with a chemical compatibility better than PTFE-lubricated asbestos and the unsurpassed mechanical strength of Aramid.

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The impregnation with PTFE and lubricant results in a low coefficient of friction and allows shaft speeds up to 15 m/sec. However, due to the toughness of Aramid we recommend shaft (sleeve) hardness > 60 HRC.

**Application Areas:**

Although mainly designed as a rotary pump packing, this type also suited for valves and piston pumps, mixers and reactors in the following industries: pulp and paper, pharmaceutical, food, sugar, chemical and petro-chemical, power stations, steel mills and many more. Also ideal as anti-extrusion rings in combination with softer packing.

**Application media:**

The chemical resistance of Aramid together with the PTFE-impregnation allows this packing to be used in connection with most chemicals (except very corrosive ones), water, steam, oils, solvents, etc., while its extreme abrasion resistance makes it ideal for use with abrasive sand, slurry and other gritty media.

**Advantages:**

Extremely durable and abrasion resistant packing suitable for a wide variety of media in many different industries.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	8 Mpa	20 Mpa	30Mpa
Shaft speed:	20 m/s rotary		
Temperature	-100°C to +280°C		
PH range	2~12		

Not suitable for:Highly concentrated acids, caustic solutions, alkali metals, oxygen.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

**Spun Aramid Fiber Packing**

**Model No:JP-4040**

**Key Words:Spun Aramid fiber packing impregnated with PTFE**

Diagonally braided from continuous spun Aramid fibers. Compared with JT4000it is softer and Shaft fitting is better. Impregnated PTFE and lubricant can be reducing friction coefficient.

**Application areas:**

Although mainly designed as a rotary pump packing, style 2004 is also suited for valves and piston pumps, mixers and reactors in the following industries: pulp and paper, pharmaceutical, food, sugar, chemical and petro-chemical, power stations, steel mills and many more. Also ideal as anti-extrusion rings in combination with softer packing.

**Application :**

The chemical resistance of Aramid together with the PTFE-impregnation allows this packing to be used in connection with most chemicals (except very corrosive ones), water, steam, oils, solvents, etc., while its extreme abrasion resistance makes it ideal for use with abrasive sand, slurry and other gritty media.

**Advantages:**

Extremely durable and abrasion resistant packing suitable for a wide variety of media in many different industries.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	4 Mpa	15 Mpa	25Mpa
Shaft speed:	20 m/s rotary		
Temperature	-100°C to +280°C		
PH range	2~12		

Not suitable for:Highly concentrated acids, caustic solutions, alkali metals, oxygen.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

**Graphite Spun Aramid Fiber Packing**

**Model No:JP-4050**

**Key Words:**Spun Aramid Fiber Packing with graphite

Graphite Spun Aramid Fiber Packing is mixed high quality braided packing, made from aramid fiber yarns impregnated with graphite. It can prevent from gap extrusion under high temperature and Max.Pressure. It can be used to seal a long life cycle of high Max.Pressure industrial pump.

graphite PTFE and Aramid in Zebra Braided Packing

**Typical Application:**This is a universal packing which can be used for pumps in all types of industry.Chemical, petrochemical, pharmaceutical, food and sugar industries, pulp and paper mills, etc.

Power stations

**Prime Features:**Enhances the lubrication ability of aramid fiber and improves the strength of PTFE.The packing will no stain in pulp and paper mill, pharmaceutical, food and sugar industries

**Applicable Standards:** Spun aramid packing impregnated with graphite. No harm to shaft, still wearable, good heat conduction

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

**PTFE Packing with Aramid fiber corners**

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### Model No:JP-4030

#### Key Words:PTFE Packing with Aramid fiber corners

PTFE Packing with aramid fiber corners is a multi-yarn packing, the corners of packing are made of aramid fiber yarns. Impregnated with PTFE, the friction faces are made of pure PTFE yarns. It can be lubricated with silicones oil.

**Typical Application:**This is a universal packing which can be used for pumps in all types of industry.Chemical, petrochemical, pharmaceutical, food and sugar industries, pulp and paper mills, etc.

**Prime Features:**Enhances the lubrication ability of aramid fiber and improves the strength of PTFE

The packing will no stain in pulp and paper mill, pharmaceutical, food and sugar industries.

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Nomex Fiber Packing

### Model No:JP-4070

Nomex Fiber Packing braided from high quality Dupont Spun nomex yarns with PTFE impregnated and lubricant additive, high cross-sectional density and structural strength, good sliding characteristic, gentle on shaft. Compared to kevlar, not hurt shaft, good idea for food industries.

**Typical Application:** This is a universal packing which can be used for pumps in all types of industry.Designed specially for pumps, agitators, mixers, kneaders, refiners, etc.

Excellently suitable for standardization in entire industrial sectors.

**Prime Features:**Good sliding characteristic, gentle on shaft surfaces.

Not hurt shaft, also ideal for food industries.

Clean packing and easy-to-install packing.Supply OEM products.

**Package:**5kg/roll, 10kg/roll,etc.

### Composite Aramid Fiber Packing

### Model No:JP-4060

Composite Aramid fiber packing is made from imported Aramid short fiber which is twisted in advanced technology and impregnate with PTFE latex and high-temperature lubricated, it's softer than common Aramid fiber packing and has more content of PTFE and lubricant to make sure its fibers closer to each other to supply high lubricant and low abrasion of shaft,especially suitable for reciprocating pumps with small grains, high Max.Pressure and high line speed.

#### Technical data:

	Rotating	Reciprocating	Valves
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Max.Pressure	5 Mpa	10 Mpa	20Mpa
Shaft speed:	15 m/s rotary		
Temperature	-100℃to +260℃		
PH range	2~12		

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Graphite PTFE Packing Reinforced With Aramid Corners

**Model No:JP-4020**

**Key Words:**PTFE graphite packing with Aramid corners

Graphite PTFE packing reinforced with Aramid corners is made of PTFE graphite yarns composed of PTFE dispersion and fine graphite powder, which are then composite braided with PTFE latex treated Aramid fiber. Thus, this packing has superior corrosion resistance, lubricating ability and attrition resistance, and is widely used in dynamic sealing place with high Max.Pressure and line speed in media of small bed-loads.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	3Mpa	8 Mpa	15Mpa
Shaft speed:	15 m/s rotary		
Temperature	-75℃to +260℃		
PH range	2~12		

Package:5kg/roll, 10kg/roll,etc.

Supply OEM products.



### Fiber Packing /Ramie/Acrylic/Cotton Fiber/JP-5000series

**Ramie PTFE Packing(White color)**

**Model No:JP-5010**

Ramie fiber packing is very soft and easy to be impregnated.It turn to be with higher strength, better corrosion and attrition resistance after impregnation of PTFE dispersion. The packing made of ramie fiber has very slim attrition to the shaft, so it's an ideal material to be used in sea water ,clean water with low temperature, low speed, and equipment with the media of food, oil, and fruit juicy,ect.

**Technical data:**

	Rotating	Reciprocating	Valves

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Max.Pressure	3Mpa	6 Mpa	15Mpa
Shaft speed:	8m/s	1.5m	1.5m/s
Temperature	-75°Cto +260°C		
PH range	4~11		

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Ramie Graphite Packing(Black color)

**Model No:JP-5020**

**Key Words:**Ramie Packing with graphite

Ramie graphite packing is made from ramie fiber which is treated with special process and high-temperature lubricant. It's an ideal gland packing to be used in sealing of ash-removing pump, sediment pump, booster pump, and water feeding pump of power station, as well as high pressure slurry pump of oil field and fluid pumps of mine.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	3Mpa	5Mpa	12Mpa
Shaft speed:	10 M/S	2M/S	2M/S
Temperature	-40°Cto +140°C		
PH range	5~12		

**Package:**5kg/roll, 10kg/roll,etc.

Supply OEM products.

### Acrylic Fiber Packing

**Model No:JP-5030**

Acrylic packing is braided of reinforced acrylic fiber impregnated with PTFE dispersion, it's a kind of high-strength, corrosion-resistant, and scour-resistant sealing material, an ideal replacement of asbestos packing. It's not only widely used in pumps, valves, kettles with high line speed and pressure, but also in sealing of liquid container. We can also make acrylic PTFE packing with silicon core. This packing has superior application in old equipment because of its good compatibility and recovery rate.

**Technical data:**

	Rotating	Reciprocating	Valves
Max.Pressure	2Mpa	8 Mpa	15Mpa
Shaft speed:	12 m/s	2 m/s	2 m/s

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Temperature	-100°C to +120°C
PH range	2~12

**Package:** 5kg/roll, 10kg/roll, etc.  
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### Cotton PTFE Packing

**Model No:** JP-5040

**Key Words:** Cotton PTFE Fiber Packing Cotton with ptfе impregnated

COTTON PTFE packing with PTFE Impregnation is made of long cotton fiber yarn impregnated with PTFE and additives. The packing has a low coefficient of friction & is resilient and flexible.

#### Application areas:

Cotton PTFE universal packing is used for Rotary, reciprocating pumps, in ship building and domestic fresh water pumps.

#### Technical data:

	Rotating	Reciprocating	Valves
Max. Pressure	2Mpa	2Mpa	7Mpa
Shaft speed:	10M/S		
Temperature	-100°C to +130°C		
PH range	4~10		

**[Package]:** 5kg/roll, 10kg/roll, etc.  
Supply OEM products.

### Asbestos PTFE Packing

**Model No:** JP-6010

**Key Words:** Asbestos packing with PTFE impregnated

Asbestos PTFE packing is made of white asbestos fiber cords impregnated with PTFE dispersion. Soft in texture, this material is suitable for sealing pumps for various chemicals. However, packing impregnated with lubricants is recommended for use with reciprocating pumps or for sealing in places where high linear velocity.

#### Technical data:

	Rotating	Reciprocating	Valves
Max. Pressure	2Mpa	10 Mpa	15Mpa

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Shaft speed:	10 m/s	2 m/s	2 m/s
Temperature	-75°C to +260°C		
PH range	2~12		

**Package:** 5kg/roll, 10kg/roll, etc.

Supply OEM products.

### Asbestos Graphite Packing

**Model No:** JP-6020

**Key Words:** Asbestos packing with Graphite

It is a braided packing made of asbestos yarns, after braided, this packing is thoroughly impregnated piece by piece with dry graphite, and externally coated with pure graphite. It is suitable for specific employment in the presence of high temperatures and high pressures. It is utilized on valves, tap equipment, for oils, superheated

steam, solvents, hydrocarbon, gas, ammonia, abrasive liquids. Asbestos graphited packing..

Usage: To be used as a stuffing box in pumps (especially boiler feed pumps) and in valves.

Resistant to alkaline solutions, inert fluids, steam, gases, hot water and salt solutions

#### Technical data:

	Rotating	Reciprocating	Valves
Max. Pressure	2Mpa	15Mpa	20Mpa
Shaft speed:	10M/S		
Temperature	-100°C to +450°C		
PH range	4~10		

### Glass Fiber Packing with PTFE Impregnated

**Model No:** JP-6030

Square braided from E-glass fiber impregnated with PTFE, that largely prevents solids from entering the seal and maintains its elasticity. It is suitable for pump and valves.

**CONSTRUCTION:** Glass fiber is stand out among the different organic and inorganic fibers as ideal replacement of asbestos. All of CAZ fiberglass products are made of good quality

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E-glass fiber, it has many excellent capabilities of high strength and high temperature resistance, low density and low thermal conductivity, better insulation and incombustible etc.

Glass fiber packing Braided from E-glass fibers without any impregnation, will not shrink or swell in service. May be ordered square or with a rectangular cross section.

**APPLICATION:** As a static seal for vessels, heaters, manhole, lids, covers, thermal insulation and fire-proof of pipes etc. Suited for chemically neutral and resistant to water, steam, hot air, oils and so on.

**PARAMETER:** Temperature up to 600 °C /280°C for C-Glass PH range: 5~9

**Package**5kg/roll, 10kg/roll,etc.

Supply OEM products.

## Ceramic Fiber Packing

Model No:JP-6040

Ceramic fiber packing braided by good quality ceramic core. It can be use in high temperature.

### Application:

1) Temperature:  $\leq 1000^{\circ}\text{C}$ (continuous)

1260°C(instant)

2) Conditions:It used as heat insulation in industrial furnace, gas and chemical equipment, pipe's heat insulation, sealing material for pumps, compressor, and valve's heat preservation, as well as outside jacketed material for deep old material,container,and conduit.

## Heat Insulation/ Thermal insulation

### Ceramic fiber woven product /JH-100series

Model No.	Ceramic fiber woven/braid products
JH101	Ceramic Fiber Tape
JH102	Ceramic Fiber Tape with Aluminum
JH103	Ceramic Fiber Lagging Tape
JH104	Ceramic Fiber Rope Round/Square
JH105	Ceramic Fiber Twist Rope
JH106	Ceramic Fiber Cloth
JH107	Ceramic Fiber Cloth with Aluminum
JH108	Ceramic Fiber Paper
JH109	Ceramic Fiber Blank

#### Ceramic Fiber Tape

##### Model NO:JH-101

Ceramic fiber tape is made from ceramic fiber yarn, it is a cost-effective insulating tape. Reinforcement by glass filament and steel wire for increasing the strength retention at elevated temperature. Substitute for asbestos tapes.

Ceramic tape is a high performance industrial tape made from zircon grade ceramic fiber yarn.

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	120~150mm	800°C~1200°C	Nickel/SS

##### Application:

Furnace curtains, protection against high temperature, high temperature electrical insulation, cable and fuel line protection, fire protection, insulation of industrial chimney.

##### Package:

Standard Inner packing:20m/roll, 30m/roll, or according to request,other request can check with us.

Outer package: carton(20KG) or braided bag

#### Ceramic Fiber Tape with Aluminum

##### Model NO:JH-102

Ceramic fiber tape coating by aluminum foil. Has excellent high temperature resistant. Normal reinforced with steel wire, excellent substitute for asbestos tapes.

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Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	120~150mm	800°C~1200°C	Inconel/SS

**Application:**

Furnace curtains, protection against high temperature, high temperature electrical insulation, cable and fuel line protection, fire protection, insulation of industrial chimney.

**Package:**

Standard Inner packing:20m/roll, 30m/roll, or according to request.

Outer package: carton(20KG) or braided bag,other request can check with us.

**Ceramic Fiber Lagging Rope**

**Model NO:JH-103**

Ceramic Fiber Lagging Rope within fiberglass braided mesh outside, the over braided mesh can be both open mesh and close mesh. Inside filled with cut strip of ceramic fiber blanket. Ceramic fiber lagging rope with low density. It is an excellent substitute of asbestos rope.

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	120~150mm	800°C~1200°C	Inconel/SS

**Application:**

Coke furnace, stove and boiler burner, chimney door sealing valve or pump, ex-changer, car, stove, etc.

**Package:**10kgs/roll, in plastic woven bag of 10kgs net each, in carton of 20kgs net each.



**Ceramic Fiber Rope Round/Square**

**Model NO:JH-104**

**Key Words:** Ceramic thermal insulation,Ceramic Fiber Square Rope,Ceramic Fiber Round Rope.

Ceramic Fiber Rope is round braided by ceramic fiber yarns, reinforcement by glass fiber or steel wire etc. Excellent substitute for asbestos rope. Is it used as heat insulating materials.

Diameter mm	Type	Refractoriness	Reinforce
3~50mm	Round/Square	800°C~1200°C	Inconel/SS

**Application:**

Insulation for furnace door, valve, flange sealing, rolling shutters of furnace door, high temperature static seal, fire protection, expansion joint, pipe or round duct insulation lagging, glass furnace truck stone seal, asbestos substitute, fireproof cable covering and fuel pipe materials.

**Package:**10kgs/roll, in plastic woven bag of 10kgs net each,In carton of 20kgs net each.

**Ceramic Fiber Twist Rope**

**Model NO:JH-105**

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Ceramic Fiber Twisted Rope is made by ceramic fiber yarns twisting braiding. As heat insulation materials and excellent substitute for asbestos yarns. Reinforcement by glass fiber and steel wire.

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	120~150mm	800°C~1200°C	Inconel/SS

**Application:**

Ceramic Fiber Twisted Rope used in expansion joint, seals for stoves and ovens, and also bulbs in tadpole glass fiber tapes.

**Package:**

10kgs/roll, in plastic woven bag of 10kgs net each, In carton of 20kgs net each.

**Ceramic Fiber Cloth**

**Model NO:JH-106**

Ceramic fiber cloth, ceramic fiber cloth with aluminium. It is used as heat insulating materials and an excellent substitute for asbestos cloth.

Ceramic Fiber Cloth used as heat insulation curtain, large area thermal insulation. Radiant heat shielding, flexible fabric expansion joints. Ceramic fiber cloth with metallic wire (Inconel or stainless steel)

**Ceramic Fiber Cloth with Aluminium**

**Model NO:JH-107**

Used as heat insulation curtain, large area thermal insulation. Radiant heat shielding, flexible fabric expansion joints. Suitable for fireproof.

Al Ceramic fiber cloth with metallic wire and aluminium coating

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	1000mm	800°C~1200°C	nickel/SS

**Package:**30m/roll; In plastic woven bag of 20kgs net each; In carton of 20kgs net each.

**Ceramic Fiber Paper**

**Model NO:JH-108**

Ceramic Fiber Paper uses ceramic fiber spraying cotton and is made through washing and adding bonding agent under vacuum condition. They have high intensity, good flexibility and strong scissoring performance and the idea material for producing high temperature washer, air-proofing, heat insulation.

**Characteristics:**

Low coefficient of heat-conduction ratio, low thermal capacity, thermal shock resistance,  
High quality of flexibility and tear resistance. Not include asbestos, erosion resistance,  
High quality of insulation and sound insulation,



Easiness of mechanical processing,  
Tough texture and high quality of compression resistance.

**Specification:**

Categorized temperature °C		1260
Density of volume (kg/m3)		170±15
Content of organic matter		6~8
Coefficient that heat conduct under average temperature	200°C	0.075 ~ 0.085
	400°C	0.115 ~ 0.121
	600°C	0.165 ~ 0.175
Main chemical composition (%)	AL2O3	47 ~ 49
	AL2O3 + SiO3	98 ~ 99
Size Spec.		Thickness: 0.5~6mm    Width: 610~1220mm Length: 20m~80m
The special specification can be made to order according to user's enquiry		

**Ceramic Fiber Blanket**

**Model NO:JH-109**

**Characteristics:**Low thermal conductivity and low heat storage. Excellent thermal stability and thermal shock resistance. Excellent erosion resistance  
Excellent heat insulation,fire proofing and proccsing function.

**Application Range:**Industrial furnace,heaters,inside walll of hige temperature rube. Electric power furnace,nuclear power station and heat insulation.  
Fire proofing and heat insulation of high building.

**Specification:**

Product name Item	COM	ST	HP	HAA	HZ
Categorize the temperature(°C)	1100	1260	1260	1360	1430
The work temperature(°C)	< 1000	1050	1100	1200	1350
The color	white	pure	pure	pure	pure
Physical volume density(kg/m3)	96	96	96	128	128
	128	128	128	160	160
Permanent line constringency(%)( heat preservation 24 hours, physical volume density 128/ m3)	- 4 (1000°C)	- 3 (1000°C)	- 3 (1100°C)	- 3 (1250°C)	-3 (1350°C)
Each temperature descend transmit heat the coefficient( w/ m.k)( physical volume density 128 kgs/ m3)	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C) 0.20(1000°C)	0.12(600°C) 0.20(1000°C)	0.16(800°C) 0.20(1000°C)

The anti- pulls the strength( MPa) ( Physical volume density 128 kgs/ m3)		0.04	0.04	0.04	0.04	0.04
The chemistry constitute(%)	AL2O3	40-44	45-46	47-49	52-55	39-40
	AL2O3+SIO2	95-96	96-97	98-99	99	-
	AL2O3+SIO2+ZrO2	-	-	-	-	99
	ZrO2	-	-	-	-	15-17
	Fe2O3	<1.2	<1.0	0.2	0.2	0.2
	Na2O+K2O	≤0.5	≤0.5	0.2	0.2	0.2
SIZE(mm)	In common use specification:7200×610×10-50; Other specifications manufacture according to the customer request.					

## Fiber Glass Woven Products /JH-200Series

Model No.	Glass fiber woven/braid products
JH201	Fiber Glass Cloth( C-Glass)(white color)
JH202	Fiber Glass Cloth Heat treatment( E-Glass)(golden color)
JH203	Fiber Glass Cloth with Aluminum
JH204	Fiber Glass Tape
JH205	Fiber Gasket Tape with Aluminum
JH206	Fiber Glass Ladder Tape
JH207	Fiber Glass Tadpole Tape
JH208	Fiber Glass Braid Rope
JH209	Fiber Glass Braid Rope(Black)
JH210	Knitted Fiber Glass Rope
JH211	Fiber Glass Twist Rope
JH212	Fiber Glass Lagging Rope
JH213	Fiber Glass Sleeve
JH214	Fiber Glass Cloth Coated Vermiculite

\*Fiber glass=Glass fiber

### Fiber Glass Cloth( C-Glass)

#### Model NO:JH201

Fiber Glass woven cloth (C glass),it is woven by best quality texturized glass fiber yarn , it was the high quality, warm keeping thermal insulator, it is the ideal substitute of the asbestos cloth.

The texturized glass fiber cloth can be offered to insert the copper wire (or nickel wire , stainless steel wire ) .

The surface of the texturized glass fiber cloth with rubber can be offered.

Thickness mm	Width mm	Refractoriness	Reinforce
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0.2~6mm	1000mm	450°C~550°C	nickel/SS
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**Fiber Glass Cloth Heat Treatment( E-Glass)**

**Model NO:JH202**

Fiber Glass woven cloth (E glass),it is woven by best quality woven fiberglass yarn, treated with heat treatment ,has slippy surface, no damage to shin. It is idea thermal insulation material substitute for asbestos cloth.

Thickness mm	Width mm	Refractoriness	Reinforce
0.2~6mm	1000mm	450°C~550°C	nickel/SS

Model No:JH202				
1	Structure		Satin	
2	Model of raw yarn (tex)	Warp weft	ET9 33 4X2 ET9 33 4X2	ETG 150 4/2 ETG 150 4/2
3	Width		101.6±2cm	40±0.75 inch
4	Thickness		0.8±0.08mm	0.03±0.003 inch
5	Type of covering		Heat treatment	
6	Thickness of covering			
7	Weight		880±88g/m2	26 OZ/YD2
8	Density	Warp Weft	18±1.8 per cm 13±1.3 per cm	47.5±4.5 per inch 33±3.3per inch
9	Tensile strength (min)	Warp Weft	8000N/5cm 6000N/5cm	888 lbs/inch 666 lbs/inch
10	Oil content		<0.5%	
11	Refractoriness		550°C	

**Fiber Glass Cloth with Aluminium**

**Model NO:JH203**

Fiber Glass woven cloth with Aluminium,the aluminium foil coated on the glass fiber, has excellent heat insulation.With copper wire(or inconel wire,stainless steel wire are available.

Thickness mm	Width mm	Refractoriness	Reinforce
0.4~6mm	1000mm-1500mm	450°C~550°C	Inconel/SS

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## Fiber Glass Tape

### Model NO:JH204

Fiber Glass Tape,wove with the fiber glass,had good insulation and heat resistance, extensively apply to building ,waterproof ,antiseptic and wrapping up the coil of electrical machinery and electrical apparatus.It is an excellent substitute for asbestos tape. Woven glass fiber tape with metallic (copper wire, nickel wire or stainless wire) are also available.

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~6mm	19mm-200mm	450°C~550°C	Copper/Inconel/SS

## Fiber Glass Tape with Aluminium

### Model NO:JH205

Fiber Glass tape with Aluminium,the aluminium foil coated on the surface of fiberglass tape, it is used as heat insulating materials and an excellent substitute for asbestos tape. Texturized glass fiber tape aluminium with metallic (copper wire, inconel wire or stainless wire) are also available.

Thickness mm	Width mm	Refractoriness	Reinforce
0.6~5.0mm	19mm-200mm	450°C~550°C	Copper/Inconel/SS

## Fiber Glass Ladder Tape

### Model NO:JH206

Fiberglass ladder tape withstands temperatures up to 1000°F. Applications include wrapping, steam tracer lines, hose, piping, tadpole tapes, gasketing, and curtains for high temperature ovens.

Thickness mm	Width mm	Refractoriness	Reinforce
0.8~5.0mm	20mm-200mm	450°C~550°C	Copper/Inconel/SS

## Fiber Glass Tadpole Tape

### Model NO:JH207

Fiberglass Tadpole Tape are engineered to meet the exacting requirements of high temperature, low pressure service. Tadpoles are constructed of treated cover materials wrapped over a variety of resilient core materials forming a "bulb" and "tail" construction.

Tadpoles are ideally suited for sealing flanges with limited bolt force, warped or uneven mating surfaces, or joints where flat tapes or packings are not suitable.

**Usage:**For boiler door and oven door seals.



### Fiber Glass Braided Rope

#### Model NO:JH208

It is woven by texturized glass fiber yarn. It is used for the material of keeping warm, insulating against heat etc. It is the excellent substitute for asbestos. The rope with metallic (copper wire, nickel wire or stainless wire) are also available.

Thickness mm	Refractoriness	Type	Reinforce
3~50mm	450°C~550°C	Round/Square	Copper/Inconel/SS

#### Similar type: Fiberglass Braided Rope(Black) Model NO:JH209

size		net weight per coil	Round Rope	Square rope
inch	mm		Length per coil (approx.)	Length per coil (approx.)
		kg	m	m
1/4	6.4	5	181.5	149
5/16	8	5	120	100.5
3/8	9.6	5	77.5	72
1/2	12.7	10	89.5	83
5/8	16	10	70	66
3/4	19.2	10	44	42
7/8	22.4	10	33.5	29
1	25.4	10	28	23.5
1-1/8	28.6	10	22.5	20.5
1-1/4	32	10	18	15
1-1/2	38.1	10	12	12
1-3/4	44.5	10	9.5	8.5
2	50.8	10	6.5	6.5



### Knitted Fiber Glass Rope

#### Model NO:JH210

Knitted fiberglass rope offers the advantages of economy with more consistency and workability without sacrificing any of the physical, chemical or high temperature

### Fiber Glass Twist Rope

#### Model NO:JH211

Twist glass fiber rope

### Fiber Glass Lagging Rope

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## Model NO:JH212

Fiber Glass Lagging Rope is an excellent substitute for asbestos rope lagging.

**Refractoriness:** 450°C ~ 550°C

size	Inch	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-1/2	1-3/4	2
	mm	12.7	16	19.2	22.4	25.4	28.6	32	38.1	44.5	50.8
weight per coil	kg	5	5	5	5	5	5	5	5	5	5
length per coil	m	73	56.5	48.5	38	31.5	7	24	18	13.5	10

## Fiber Glass Sleeve

### Model NO:JH213

Braided with texturized glass fiber , has good insulation , generally apply to the insulation of the electric wire and cable.

**Spec:Diameter:**13mm~100mm

**Refractoriness:** 450°C ~ 550

## Asbestos Fiber Woven /JH-300series

Model No.	Asbestos Fiber woven products
JH310	Dust Free Asbestos Cloth
JH311	Dusted Asbestos Cloth
JH312	Dusted Asbestos Tape
JH312	Dusted Free Asbestos Tape
JH315	Asbestos Graphite Tape
JH316	Dust Free Asbestos Braided Rope
JH317	Dusted Asbestos Braided Rope
JH318	Dust Free Twist Asbestos rope
JH319	Asbestos Tape with Rubber
JH320	Asbestos Gloves/Asbestos Mitten

## Dust-free Asbestos Cloth

### Model NO:JH310

Interwoven from asbestos warp and weft yarns, suitable for lagging for boilers and pipe lines ,used as thermal insulating materials for factories ,building ,power stations and steamers .Also ideal for making protective gloves ,working clothes and gasket materials at temperatures up to 550°C.Loss on ignition 32% max.

Asbestos cloth with metallic (copper wire ,inconel wire or stainless wire) are also available.

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**Refractoriness:**250-550°C      **Refractoriness** of dust free asbestos cloth :480-550°C

**Spec:**Thickness:1.0 mm-4.0mm

**Width:**1000-1500mm

### Dusted Asbestos Cloth

#### Model NO:JH311

Interwoven from asbestos warp and weft yarns, suitable for lagging for boilers and pipe lines ,used as thermal insulating materials for factories ,building ,power stations and steamers .Also ideal for making protective gloves ,working clothes and gasket materials at temperatures up to 550°C.Loss on ignition 32% max.

Asbestos cloth with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness of dusted asbestos:**250-550°C      **Spec:**Thickness:1.0 mm-4.0mm

**Width:**1000-1500mm

### Asbestos Cloth Coated Aluminium

#### Model NO:JH312

The Aluminium foil coated on the surface of asbestos cloth.It is used in fireproof cloth . The cloth with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness:**300-550°C

**Spec:**Thickness:1.5mm-3.0mm

**Width:**1000mm

Thickness		Width (m)	Net wt.per roll (kg )	Length per roll (m)	Unit Wt.(max.) (Kg/M2)	Ends per 10 cm		Thensile strength (Kg .min.)	
Inch	mm								
1/16	1.6	1	50	35.96	1.39	66	34	45	20
3/32	2.4	1	50	26.97	1.85	60	30	50	26
1/8	3.2	1	50	20.98	2.38	84	60	80	45
	3.0			21.98	2.27	52	26	60	30

### Dusted Asbestos Tape

#### Model NO:JH313

Interwoven from asbestos warp and weft yarns ,suitable for lagging for boilers and pipe lines ,also used as thermal insulating materials. Asbestos tape with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness:**280-550°C



**Spec:**Thickness:1.5mm-3.0mm

**Width:**20mm-150mm

### Dusted Free Asbestos Tape

#### Model NO:JH314

Interwoven from asbestos warp and weft yarns ,suitable for lagging for boilers and pipe lines ,also used as thermal insulating materials. Asbestos tape with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness:**480-550°C

**Spec:**Thickness:1.5mm-3.0mm

**Width:**20mm-150mm

### Asbestos Graphite Tape

#### Model NO:JH315

Interwoven from asbestos warp and weft yarns , suitable for lagging for boilers and pipe lines ,also used as thermal insulating materials, has excellent heat-resistant on surface .

**Refractoriness:**550°C

**Spec:**Thickness:1.5mm-3.0mm

**Width:**20mm-150mm

### Dusted Free Asbestos Braided Rope

#### Model NO:JH316

It is made of long asbestos fiber yarn(dusted free) and braided into round form ,extensively used as heat insulation materials on thermal installations and heat conduction systems operated at temperatures up to 250°C,loss on ignition 32% max.

Braided asbestos round rope with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness:**480-550°C

**Spec:**5mm-50mm

### Dusted Asbestos Braided Rope

#### Model NO:JH317

It is made of long asbestos fiber yarn(dusted) and braided into round form ,extensively used as heat insulation materials on thermal installations and heat conduction systems operated at temperatures up to 250°C,loss on ignition 32% max.

Braided asbestos round rope with metallic (copper wire ,inconel wire or stainless wire) are also available.

**Refractoriness:**480-550°C

**Spec:**5mm-50mm

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## Twisted Asbestos Rope

### Model NO:JH318

Twisted with two or more strands of dust free asbestos fiber. Extensively used as culking, sealing and heat insulation materials on thermal installations and heat conduction systems operated at temperatures up to 480-550°C. And also used for making other asbestos products. Twisted asbestos yarn with metallic (copper wire, inconel wire or stainless wire) are also available.

**Refractoriness:** 480-550°C

**Spec:** 0.6mm-50mm



## Asbestos Tape with Rubber

### Model NO:JH319

Asbestos Rubber Tape made by asbestos cloth coated with rubber and compressed into tape shape. Used as lining and sealing. Asbestos tape with rubber reinforced with metallic (copper wire, inconel wire or stainless wire) are also available.

**Refractoriness:** 280-450°C

**Spec:** Thickness: 3mm-25mm

**Width:** 20mm-200mm

## Asbestos Gloves/Asbestos Mitten

### Model NO:JH320

Made of asbestos cloth and cotton cloth. For protection from heat when working at high temperature up to 250°C. Loss on ignition: 32% max. .

Asbestos gloves coated with ALUMINIUM FOIL are also available.

**Refractoriness:** 300-550°C

**Spec :** 12", 15", 18"

## Carbon Fiber Woven /JH-400series

Model No.	Carbon fiber woven products
JH410	Carbonized Fiber Cloth
JH411	Carbonized Fiber Cloth Coated Aluminium
JH412	Carbonized Fiber +Fiberglass Cloth
JH420	Carbonized Fiber Tape
JH421	Carbonized Fiber Tape Coated Aluminium

## Carbonized Fiber Cloth

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## Model NO:JH410

It is woven by best quality carbon fiber,used as heat insulation materials and an excellent substitute for asbestos cloth.

Carbon fiber cloth with metallic (nickel wire or stainless wire) are also available.

**Spec:**Thickness:1mm~6.0mm

Width:1000mm

**Refractoriness:** 280°C~1200°C

## Carbonized Fiber Cloth Coated Aluminium

## Model NO:JH411

It is woven by best quality carbon fiber. Stick a layer of aluminium foil on the surface of carbon fiber cloth,used as heat insulation materials and an excellent substitute for asbestos cloth.

Carbon fiber cloth aluminium coating with metallic (nickel wire or stainless wire) are also available.

**Spec:**Thickness:1mm~6.0mm

Width:1000mm

**Refractoriness:** 280°C~1200°C

## Carbonized Fiber+Fiberglass Cloth

## Model NO:JH412

It is woven by best quality carbon fiber yarn and glass fiber yarn, it was the high quality, warm keeping thermal insulator, it is the ideal substitute of the asbestos cloth.

It can be offered to insert the copper wire ( or nickel wire, stainless steel wire ).

The surface of it with rubber can be offered.

**Spec:** Thickness: 1mm~6.0mm

Width: 1000m

**Refractoriness:** 280°C~1200°C

## Carbonized Fiber Tape

## Model NO:JH420

It is woven by best quality carbon fiber,used as heat insulation materials and an excellent substitute for asbestos tape.

Carbon fiber tape with metallic (nickel wire or stainless wire) are also available.

**Spec:**Thickness:1mm~6.0mm

Width:20mm~150mm

**Refractoriness:** 280°C~1200°C

## Carbonized Fiber Tape Coated Aluminium

## Model NO:JH421

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It is woven by best quality carbon fiber. Stick a layer of aluminium foil on the surface of carbon fiber tape, used as heat insulation materials and an excellent substitute for asbestos tape.

It with metallic (nickel wire or stainless wire) are also available.

**Spec:** Thickness: 1mm~6.0mm

Width: 20mm~150mm

**Refractoriness:** 280°C~1200°C

## Gasket Machine

### Spiral wound gasket machine filler machine

Model No.	Spiral Wound Gasket Machine
JT-GM01	Small Semi-auto Winding Machine For SWG
JT-GM02	Medium Semi-auto core-less Winding Machine For SWG
JT-GM03	Large Semi-auto core-less winding machine(New style)
JT-GM04	Large winding machine Horizontal
JT-GM05	Small Auto winding machine for SWG
JT-GM06	Medium Auto winding machine for SWG

#### Small Semi-auto Winding Machine for SWG

##### Model NO:JT-GM01

**Purpose:** Use Mould to produce small size spiral wound gasket filler parts-basic filler parts, and with inner ring parts. Only can make Round sharp..

**Introduce:** The performance of this equipment is basically the same as that of the old CNC winding machine, and the product has been designed and improved. But the price is lower than before, the performance is better, and the production efficiency is higher.

**Advantage:** Equipped with spot welding machine

Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

**Working range:** ID25-ID200mm

**Power:** 220V and 380V optional

#### Medium Semi-auto core-less winding machine(New style)

##### Model NO:JT-GM02

**Purpose:** To produce medium-size spiral wound gasket basic filler type and with inner ring type. Use mould and No mould both can make.

Except round sharp, it also can produce oval or heterogeneous spiral wound gaskets.

**Introduce:** It's new style vertical machine. Old machine no match with touched screen.

**Advantage:** Equipped with spot welding machine

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Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

Equipped with guide rail, production is more convenient.

**Working range** ID100-ID1500mm

**Power:** 220V and 380V optional

### Large Semi-auto core-less winding machine(New style)

#### Model NO:JT-GM03

**Purpose:** To produce Large-size spiral wound gasket basic filler type and with inner ring type. Use mould and No mould both can make.

Except round sharp, it also can produce oval or heterogeneous spiral wound gaskets.

**Introduce:** It's new style vertical machine. Same as JT-GM02, just make size more larger.

**Advantage:** Equipped with spot welding machine

Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

Equipped with guide rail, production is more convenient.

**Working range** ID200-ID2500mm

**Power:** 220V and 380V optional

### Large winding machine Horizontal

#### Model NO:JT-GM04

**Purpose:** To produce Large-size spiral wound gasket basic filler type and with inner ring type. Use mould and No mould both can make.

**Introduce:** It's new style vertical machine. Same as JT-GM02, just make size more larger.

**Advantage:** Equipped with spot welding machine

Equipped with working table (need client match Glass)

**Working range** ID400-ID3000mm

**Power:** 220V and 380V optional

### Small Auto winding machine for SWG

#### Model NO:JT-GM05

**Purpose:** To produce Small-size spiral wound gasket basic filler type and with inner ring type. Use mould to make only round sharp.

**Introduce:** Compare with JT-GM01, it's similar, just with machine arm to reduce some workers operation.

**Advantage:** Equipped with spot welding machine

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Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

Equipped with machine arm,machine spot weld.

**Working range:** ID20-ID100mm

**Power:** 220V and 380V optional

### Medium Auto winding machine for SWG

#### Model NO:JT-GM06

**Purpose:** To produce Small-size spiral wound gasket basic filler type and with inner ring type.Use mould to make only round sharp.

**Introduce:**Compare with JT-GM05,it's same, just make range larger.

**Advantage:** Equipped with spot welding machine

Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

Equipped with machine arm,machine spot weld.

**Working range:** ID20-ID100mm

**Power:** 220V and 380V optional

### Serrated Gasket Tooth Lathing Machine

Model No.	Serrated Gasket Machine
JT-GM-TS01	Semi-auto Tooth Lathing Machine For Serrated gasket
JT-GM-TA02	Auto Tooth Lathing For SWG For Serrated gasket

### Semi-auto Tooth Lathing Machine For Serrated gasket

#### Model NO:JT-GM-TS01

**Purpose:** To produce serrated gasket tooth.After punch or cutting gasket ring, than use this machine to lathing tooth.

**Introduce:**Tooth is milling by knives.

**Working range:** ID350-ID3000mm

**Power:** 220V and 380V optional

### Auto Tooth Lathing Machine For Serrated gasket

#### Model NO:JT-GM-TA02

**Purpose:** To produce serrated gasket tooth.After punch or cutting gasket ring, than use this machine to lathing tooth.

**Introduce:** Similar like CNC machine to lathing gasket ring tooth.

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**Advantage:** Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

**Working range:** ID350-ID3000mm

**Power:** 220V and 380V optional

Gasket cutting machine Gasket double shearing machine Inner and outer circle synchronous shearing machine

## Gasket Cutting Machine

**Model NO:**JT-GM20

**Introduce:**Gasket cutting machine Gasket double shearing machine Inner and outer circle synchronous shearing machine.

**Make Arrange:**Flat metal plate<0.6mm

Asbestos gasket sheet <6mm ;Non asbestos gasket sheet<6mm

Graphite gasket/tanged Gasket<6mm

Note: It can't use to cut PTFE and Rubber gasket.

**Advantage:** Operate very easy. Make arrange large.

**Working range:** ID50-ID3000mm

**Power:** 220V and 380V optional

## Other Matched Gasket Machine

Model No.	Other Matched Gasket Machine
JT-GM-F01	Semi-auto SWG Ring Rolling Machine
JT-GM-F02	Auto SWG Ring Rolling Machine
JT-GM-F03	Ring Surface Polish Machine
JT-GM-F04	SS Strip Cutting Machine(Spiral Filler)
JT-GM-F05	SS Tape V sharp Machine
JT-GM-F06	Gasket Edge Cap Machine

## Semi-auto SWG Ring Rolling Machine

**Model NO:**JT-GM-F01

**Purpose:** Use SS/CS Straight strip to rolling to round sharp

**Ring Process Step:** Cutting Strip--Rolling Strip--Polish Surface

**Introduce:** It use tripod to rolling strip to Round.

**Working range:** ID200-ID3000mm

**Power:** 220V and 380V optional

## Auto SWG Ring Rolling Machine

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### Model NO:JT-GM-F02

**Purpose:** Use SS/CS Straight strip to rolling to round sharp

**Introduce:** Working different as **JT-GM-F01**, It's use wheel to put strip to rolling, it can auto adjust length, auto cut cutting, and it can separating working or continuous working.

**Ring Process Step:** Cutting Strip--Rolling Strip--Polish Surface

**Advantage:** Equipped with touch screen, can accurately control the size and tolerance, and produce more accurate product size

**Working range:** ID150-ID1000mm

**Power:** 220V and 380V optional

Ring Surface Polish Machine

### Model NO:JT-GM-F03

**Introduce:** Cut SS/CS sheet to straight Strip, it's match with **JT-GM-F01** or **JT-GM-F02**

using. **Ring Process Step:** Cutting Strip--Rolling Strip--Polish Surface

**Working range:** ID150-3000mm

SS Strip Cutting Machine(Spiral Filler)

### Model NO:JT-GM-F04

**Introduce:** Cut SS Tape to straight Tape for SPW SS Filler Tape, it's match with **JT-GM-F05** using to make it to V sharp.

**Working range:** Thickness 0.2mm, Width100-140mm

SS Tape V sharp Machine

### Model NO:JT-GM-F05

**Introduce:** To make SS tape to V sharp for Spiral Wound SS Filler.

**Working range:** ID30-3000mm

Gasket Edge Cap Machine

### Model NO:JT-GM-F06

**Introduce:** Use V sharp SS Strip to cap the edge of Graphite flat gasket or Graphite Tanged Gasket.

**Working range:** ID50-3000mm

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Other Gasket Matched Easterner can provide, exactly please check with us.

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## Other Products

### Fasteners



### Stud/Bolt/Nut

#### Model NO:JT-OF01

We provide fasteners such as stud,bolt,nut etc, in line with national standards, the Ministry of Chemical Industry standards, the United States ASTM standards. Such as DIN934, DIN912, ASTM193 / A 193M, ASMT A194/A194M, etc.

Standard or Customized can provide.