

## 膨体聚四氟乙烯板



密度:	0.65~0.75g/cm <sup>3</sup>
压缩率:	40~60%
回弹率:	10~15%
抗拉强度:	6~10Mpa
扯断伸长率:	150~250%
挥发分:	≤0.5%
适用压力:	<3MPA(液体) <1.5MPA(气体)
适用温度:	-168°C ~ +280°C 短时可达+315°C
Ph值:	0-14
适用介质 除元素氟、熔融碱金属以外的一切化学物质	

赛利密封科技膨体聚四氟乙烯板是由多向的膨体四氟纤维结构组成,可广泛使用在各种化学应用场合,同时用于各种类型的法兰密封,这种高性能的非金属垫片可解决一系列疑难的密封问题,诸如金属、搪玻璃和FRP管道的理想密封材料,具有很好的柔韧性、压缩回弹性、耐蠕变性、耐高低温性及优异的耐腐蚀性、不老老化性、自润滑性。密封性能卓越,安装使用极为方便,是化工、医药、石化、食品饮料、电子、电力、冶金、船舶等行业极理想的密封材料。

### 密封垫用途:

·各种搪瓷衬里、玻璃衬里、塑料衬里、橡胶衬里、石墨衬里及不锈钢、钛钢的塔、热交换器、反应釜等法兰面的密封。

·各种管道和管配件的法兰面密封。

膨体聚四氟乙烯板规格

膨体聚四氟乙烯板规格	
1500mmx1500mmx0.5mm	1500mmx1500mmx3.0mm
1500mmx1500mmx1.0mm	1500mmx1500mmx4.0mm
1500mmx1500mmx1.5mm	1500mmx1500mmx5.0mm
1500mmx1500mmx2.0mm	1500mmx1500mmx6.0mm



## Expanded PTFE sheet



Density:	0.65~0.75g/cm <sup>3</sup>
Compressibility:	40~60%
Recovery:	10~15%
Tensile strength:	6~10Mpa
Elongation at break:	150~250%
Volatile content:	≤0.5%
Pressure:	<3MPA (liquid) <1.5MPA (Gas)
Temp Continuo:	-168°C ~ +280°C short term reach +315°C
Ph:	0-14
Applicable medium element fluorine, all chemicals other than molten alkali metal	

Expanded PTFE sheet gasket materials is a compressible, food approved, 100% virgin PTFE material with excellent resistance to many chemicals, with multi-directional fiber structure, used in various

### Application:

Aerospace • Petrochemical • General Chemical • Pulp and Paper  
Food and Beverage • Power Generation

### Advantages:

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

Expanded PTFE sheet

Expanded PTFE sheet	
1500mmx1500mmx0.5mm	1500mmx1500mmx3.0mm
1500mmx1500mmx1.0mm	1500mmx1500mmx4.0mm
1500mmx1500mmx1.5mm	1500mmx1500mmx5.0mm
1500mmx1500mmx2.0mm	1500mmx1500mmx6.0mm



## 膨体聚四氟乙烯密封带



密度:	0.65~0.75g/cm <sup>3</sup>
压缩率:	60~70%
回弹率:	10~15%
抗拉强度:	6~10Mpa
扯断伸长率:	150~250%
挥发分:	≤0.5%
适用压力:	<3MPA(液体) <1.5MPA(气体)
适用温度:	-168°C ~ +280°C 短时可达+315°C
Ph值:	0-14
适用介质 除元素氟、熔融碱金属以外的一切化学物质	

赛利密封科技膨体聚四氟乙烯密封带是采用独特的加工工艺制造而成的一种非常新颖奇特的密封材料。

它是一种连续带状的白色纯聚四氟乙烯制品，具有很好的柔韧性、压缩回弹性、耐蠕变性、耐高低温性及优异的耐腐蚀性、不老化性、自润滑性。密封性能卓越，安装使用极为方便，是化工、医药、石化、食品饮料、电子、电力、冶金、船舶等行业极理想的密封材料。

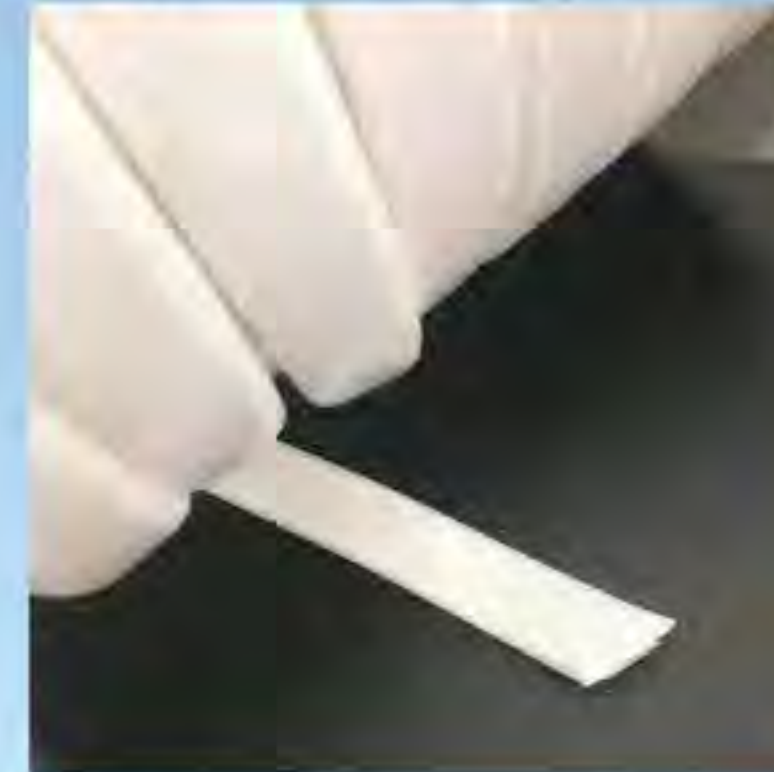
密封带的用途：

- 各种搪瓷衬里、玻璃衬里、塑料衬里、橡胶衬里、石墨衬里及不锈钢、钛钢的塔、热交换器、反应釜等法兰面的密封。
- 各种管道和管配件的法兰面密封。
- 表面加工精度较差，不平整区域较大，形状不规则，螺栓紧固力不易用足或不宣过大的大口径设备的法兰面密封。
- 强腐蚀介质和不能被丝毫污染的流体的密封。

膨体聚四氟乙烯密封带常用包装

宽度	厚度	长度
3mm	1.5/2mm	25/50M
5mm	2/3mm	25/50M
7mm	2/3mm	15/25M
10mm	3/5/7mm	15/25M
12mm	3/5/7mm	10/15/25M
15mm	3/5/7mm	10/15/25M
17mm	3/5/7mm	10/15/25M
20	3/5/7mm	10/15/25M
25	3/5/7mm	10/15/25M
30	3/5mm	5/10M
35	3/5mm	5/10M
40	3/5mm	5/10M
45	3/5mm	5/10M
50	3/5mm	5/10M

## Expanded PTFE Joint Sealant



Density:	0.65~0.75g/cm <sup>3</sup>
Compressibility:	60~70%
Recovery:	10~15%
Tensile strength:	6~10Mpa
Elongation at break:	150~250%
Volatile content:	≤0.5%
Pressure:	<3MPA (liquid) <1.5MPA (Gas)
Temp Continuo:	-168°C ~ +280°C short term reach +315°C
Ph:	0-14
Applicable medium element fluorine, all chemicals other than molten alkali metal	

Expanded PTFE Joint Sealant is a kind of novel material which be adopted unique handicraft. Expanded PTFE Joint Sealant is a white pure ptfe product with continuous, banding, it has good flexibility peculiarity, encapsulate resilience, resistant, resistant high & low temperature and excellent resistant corrosion, noaging, lubrication itself.

The sealed Peculiarity excellence and install it expediency. It suitable for field of petrochemical, medicine, electron, nuclear power, vessel, etc. Expanded PTFE Joint Sealant also suitable for large caliber equipment which the precision is crudity on face and the shape is not regular. It suitable for strong corrosion and the fluid which is not allowed any tainted. The excellent peculiarity: It has high encapsulate peculiarity and easy to stuff up the cave and gutter on the face, close up the side, it also can expanded when it Passed through tension. so the sealing more strong when the inside pressure more high.

Expanded PTFE Joint Sealant

Wide	Thickness	Length
3mm	1.5/2mm	25/50M
5mm	2/3mm	25/50M
7mm	2/3mm	15/25M
10mm	3/5/7mm	15/25M
12mm	3/5/7mm	10/15/25M
15mm	3/5/7mm	10/15/25M
17mm	3/5/7mm	10/15/25M
20	3/5/7mm	10/15/25M
25	3/5/7mm	10/15/25M
30	3/5mm	5/10M
35	3/5mm	5/10M
40	3/5mm	5/10M
45	3/5mm	5/10M
50	3/5mm	5/10M

## 改性聚四氟乙烯板



密度：	1.7~1.9g/cm <sup>3</sup>
压缩率：	20~25%
回弹率：	15~25%
抗拉强度：	>10Mpa
扯断伸长率：	250~350%
适用压力：	<5MPA
适用温度	-168°C ~ +280°C 短时可达+315°C
Ph值：	0-14
适用介质 除元素氟、熔融碱金属以外的一切化学物质	

赛利密封科技改性膨化聚四氟乙烯板/垫是优质的聚四氟乙烯原料添加玻璃微珠经过特殊工艺生产而成。可广泛使用在各种化学应用场合,同时使用于各种类型的法兰密封,这种高性能的非金属垫片可解决一系列疑难的密封问题,诸如金属、搪玻璃和FRP管道的理想密封材料,具有很好的柔韧性、压缩回弹性、耐蠕变性、耐高低温性及优异的耐腐蚀性、不老性、自润滑性。密封性能卓越,安装使用极为方便,是化工、医药、石化、食品饮料、电子、电力、冶金、船舶等行业极理想的密封材料。

密封垫用途：  
各种搪瓷衬里、玻璃衬里、塑料衬里、橡胶衬里、石墨衬里及不锈钢、钛钢的塔、热交换器、反应釜等法兰面的密封。

改性聚四氟乙烯板规格

改性聚四氟乙烯板规格	
1500mmx1500mmx0.5mm	1500mmx1500mmx3.0mm
1500mmx1500mmx1.0mm	1500mmx1500mmx4.0mm
1500mmx1500mmx1.5mm	1500mmx1500mmx5.0mm
1500mmx1500mmx2.0mm	1500mmx1500mmx6.0mm



## Filled PTFE sheet Gasket



Density：	1.7~1.9g/cm <sup>3</sup>
Compressibility:	20~25%
Recovery:	15~25%
Tensile strength	>10Mpa
Elongation at break	250~350%
Pressure:	<5MPA
Temp Continuo	-168°C ~ +280°C short term reach +315°C
Ph:	0-14
Applicable medium element fluorine, all chemicals other than molten alkali metal	

Saili Sealing Technology modified expanded PTFE sheet/gasket is made from PTFE and glass micro beads based on special techniques, which is widely used in all chemical conditions and all kinds of flange sealing. As a high performance non-metallic gasket, it has good flexibility, compression recovery, creep-resistance, high temperature resistance, corrosion resistance, durability and self-lubrication. The installation of modified expanded PTFE gaskets is very easy, so it's an ideal sealing material for the fields of chemical, pharmaceutical, petrochemical, food and drinks, electronics, electric power, metallurgy, ship, etc.

Gaskets Application:

Sealing of enamel lining, glass lining, plastic lining, rubber lining, graphite lining and tower of stainless steel and titanium steel, heat exchange, reactor and other flanges.

Filled PTFE sheet Gasket

Filled PTFE sheet Gasket	
1500mmx1500mmx0.5mm	1500mmx1500mmx3.0mm
1500mmx1500mmx1.0mm	1500mmx1500mmx4.0mm
1500mmx1500mmx1.5mm	1500mmx1500mmx5.0mm
1500mmx1500mmx2.0mm	1500mmx1500mmx6.0mm



### 膨体聚四氟乙烯阀杆填料



密度：	0.85(±0.05)g/cm <sup>3</sup>
适用温度	-168°C ~ +280°C 短时可达+315°C
Ph值：	0-14
不含任何粘剂,符合FDA要求	
适用介质 除元素氟、熔融碱金属以外的一切化学物质	

赛利密封科技 膨体聚四氟乙烯阀杆填料是聚四氟乙烯密封填料中的改良产品，采用了全新工艺制造。膨体聚四氟乙烯阀杆填料揉合了聚四氟乙烯不熔结的优良品质和高度的柔顺性。这种柔顺性使阀杆填料很容易弥合磨损的阀杆和填料函的缺陷，节约了更换或维修旧阀门的时间和开支。

只需要购备几种粗细的阀杆填料就足够密封大多数阀门,从根本上缩减了贮存大量填料的开支。

安装时只需要将绳状阀杆填料卷绕在阀杆上，推入填料函内，上紧盖盖螺栓，阀杆填料既被压成高密度密封填料，将所有包括磨损引起的各种不规则凹坑和裂缝彻底堵塞。

赛利密封科技B型膨体聚四氟乙烯阀杆填料不会老化，成型后摩擦系数小，能耐-168°C ~ +280°C之间的温度变化,不受普通化学药物影响,也不会污染管道中的流体,在食品加工,酿酒,化工厂和炼油厂的管道阀门中使用,是十分理想的密封填料。

膨体聚四氟乙烯阀杆填料	
直径	每卷长度
φ 3mm	25M
φ 5mm	25M
φ 6mm	25M
φ 8mm	25M
φ 10mm	25M
φ 12mm	10M
φ 14mm	10M
φ 16mm	10M
φ 18mm	10M
φ 20mm	10M

### expanded PTFE stem rope



Density :	0.85(±0.05)g/cm <sup>3</sup>
Temp Continuo	-168°C ~ +280°C short term reach +315°C
Ph:	0-14
No binder, FDA compliant	
Applicable medium element fluorine, all chemicals other than molten alkali metal	

Saili Sealing Technology Type B expanded PTFE stem rope is an advanced sealing rope produced with new techniques. It combines the non-melting junction and good flexibility of PTFE, which can be easily make up for worn stem and stuffing box defects and save the time and cost for replacing old valves. For most of the valves, just need to order some stem rope with different diameter is enough for stem sealing, largely decreased the stock of flange stem sealing. In installation, the stem sealing rope should be rolled on the stem and push it into the stuffing box. The stem rope will be compressed into high density sealing material which can completely fill all the irregular pits and cracks after tightening bolts of valves.

Saili Sealing Technology Type B expanded PTFE stem rope is very durable, and has a low friction rate, can withdraw the temperature from -168°C to +280°C, won't be influenced by chemistry and has no pollution to pipes. It's a an ideal sealing material for the pipes and valves of food industry, wine, chemistry and refinery.

expanded PTFE stem rope	
diameter	length
φ 3mm	25M
φ 5mm	25M
φ 6mm	25M
φ 8mm	25M
φ 10mm	25M
φ 12mm	10M
φ 14mm	10M
φ 16mm	10M
φ 18mm	10M
φ 20mm	10M