

BASIC INFORMATION



Expanded PTFE tape is a pure PTFE product made from special processes. It has good flexibility, compression resilience, creep resistance, high and low temperature resistance and excellent corrosion resistance, non-aging and self-lubricating. Its sealing performance is excellent, the installation and use is very convenient. It is an ideal sealing material for chemical, pharmaceutical, petrochemical, food and beverage, electronics, electric power, metallurgy, ships and other industries.

The PTFE resin used for production is powder or disperse liquid with high relative molecular quality and high crystallinity.

Product features: strap backing adhesive or non - backing adhesive, easy to use, no waste of leftover materials. Soft and malleable, it has the ability to compensate for scratched surfaces.

APPLICATION



Expanded PTFE tape is suitable for various of enamel lining, glass lining, plastic lining, rubber lining, graphite lining, stainless steel and titanium steel tower, heat exchanger, reaction kettle and other flange sealing, steam generator and various of abnormality mouth tank and barrel sealing.

Flange sealing for various pipes and fittings.

The surface machining accuracy is poor, the uneven area is larger, the shape is irregular, the bolt fastening force is not easy to use sufficiently or large diameter equipment which should not be too large flange sealing.



SPECIFICATION

Item	Width(mm)	Thickness(mm)	Item	Dia.(mm)
Expanded PTFE tape (with adhesive or not) 	3	1.5, 2	Expanded PTFE tape (round type) 	2
	4	2, 3		3
	5	2, 3, 4		4
	6	2, 3, 4		5
	7	2, 3, 4, 5		6
	8	2, 3, 4, 5, 6		7
	10	2, 3, 4, 5, 6, 7, 8, 10		8
	13	2, 3, 4, 5, 6, 7, 8, 9, 10		10
	15	2, 3, 4, 5, 6, 7, 8, 9, 10		12
	20	2, 3, 4, 5, 6, 7, 8, 9, 10		13
	30	2, 3, 4, 5, 6, 7, 8, 9, 10		14
	40	2, 3, 4, 5, 6, 7, 8, 9, 10		15
	50	2, 3, 4, 5, 6, 7, 8, 9, 10		16
	60	2, 3, 4, 5, 6, 7, 8, 9, 10		18
	70	2, 3, 4, 5, 6, 7, 8, 9, 10		20
	80	2, 3, 4, 5, 6, 7, 8, 9, 10		
	100	2, 3, 4, 5, 6, 7, 8, 9, 10		

PACKING & SHIPMENT

Regular packing: 5m/roll, 25m/roll, 50m/roll, 100m/roll. 1 roll or 2 rolls per box. Neutral Packing. The quantity of each roll can be packed according to the customer's requirements.

Shipment: Safe package suit for any Express, Air shipment and sea shipment.

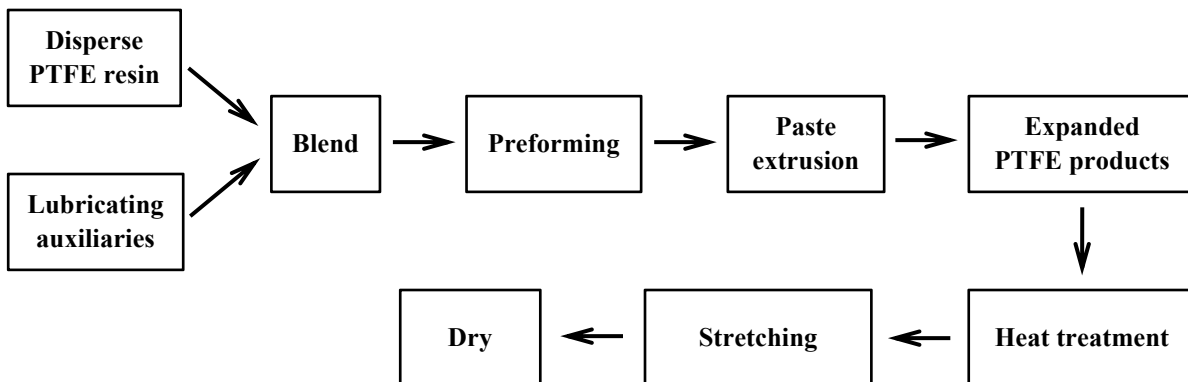
The goods can be transported by customer's forwarder, or entirely arranged by our company.



MAIN TECHNICAL PARAMETERS

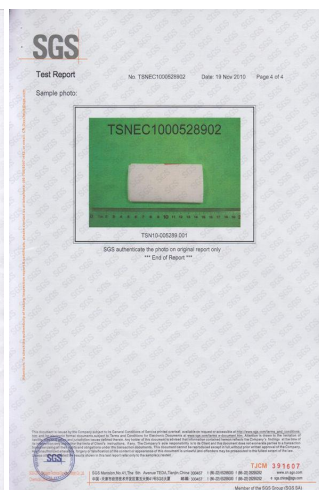
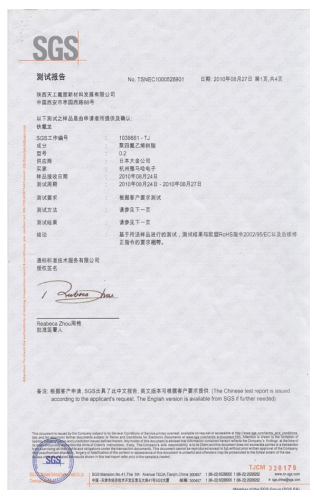
Pressure	14MPa (gas), 20MPa (liquid)
Temperature	-180℃ ~ +260℃
Density	0.7 ~ 1.2 g/cm ³
PH range	0~14 (except for molten metal and liquid & gaseous fluorine elements)
Pretightening pressure	Min8-20MPa
Stress relaxation rate	≤40%
Average particle size	500um
Melting point	327 °C
Tensile strength (min)	5-7MPa
Compressibility	55%-80%

PROCESS FLOW

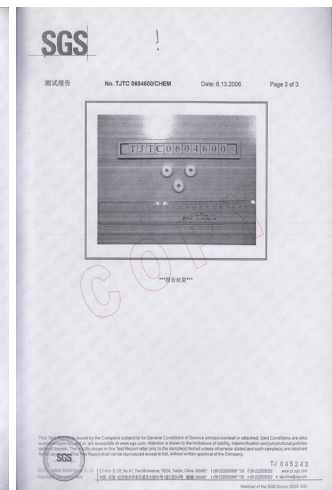
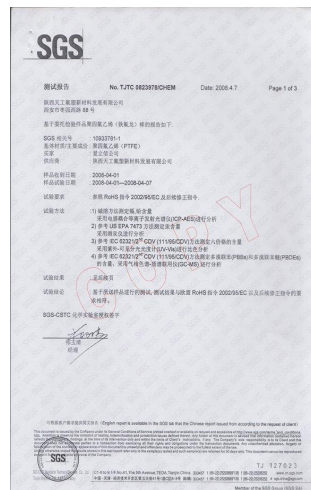


PRODUCT CERTIFICATE

SGS certificate for YAMAHA



SGS certificate for Telefonaktiebolaget LM Ericsson



COMPANY PROFILE

TICOPTFE is a professional PTFE manufacturer of various kinds high quality PTFE and other plastic products, such as expanded seal tape, packing, guide strip, rod, tube, sheet, film, sealing parts, safety Helmet and so on.

Our products fulfill the needs of overseas and domestic clients, and was widely applied in national defense, chemical, mechanical, electronic, electric appliances, petrol environmental protection and many other fields.



Business advantage:

1. Focus on production and supply of PTFE expanded tape, other PTFE products and Safety Helmet.
2. 11 years experience in PTFE and safety helmet production and processing.
3. 26 years of technical experience precipitation.
4. 6 years experience of export services.
5. Military designated suppliers.
6. Service experience in many industries and areas.
7. Long-term stable cooperation with customers in 27 countries.

Quality products:

1. Competitive factory price.
2. 100% Virgin material to ensure quality.
3. Strict Quality Control.
4. Free samples available.
5. SGS and CE EN 397 Standard Certification.
6. CNC Custom processing.
7. Safe package suit for Air shipment and sea shipment.



Professional service:

1. Innovative design team.
2. Service for 45 countries and more than 1500 clients.
3. Flexible MOQ.
4. Delivery on time.
5. 7*24 hours quick response.
6. Promise change the product In case of quality problems.