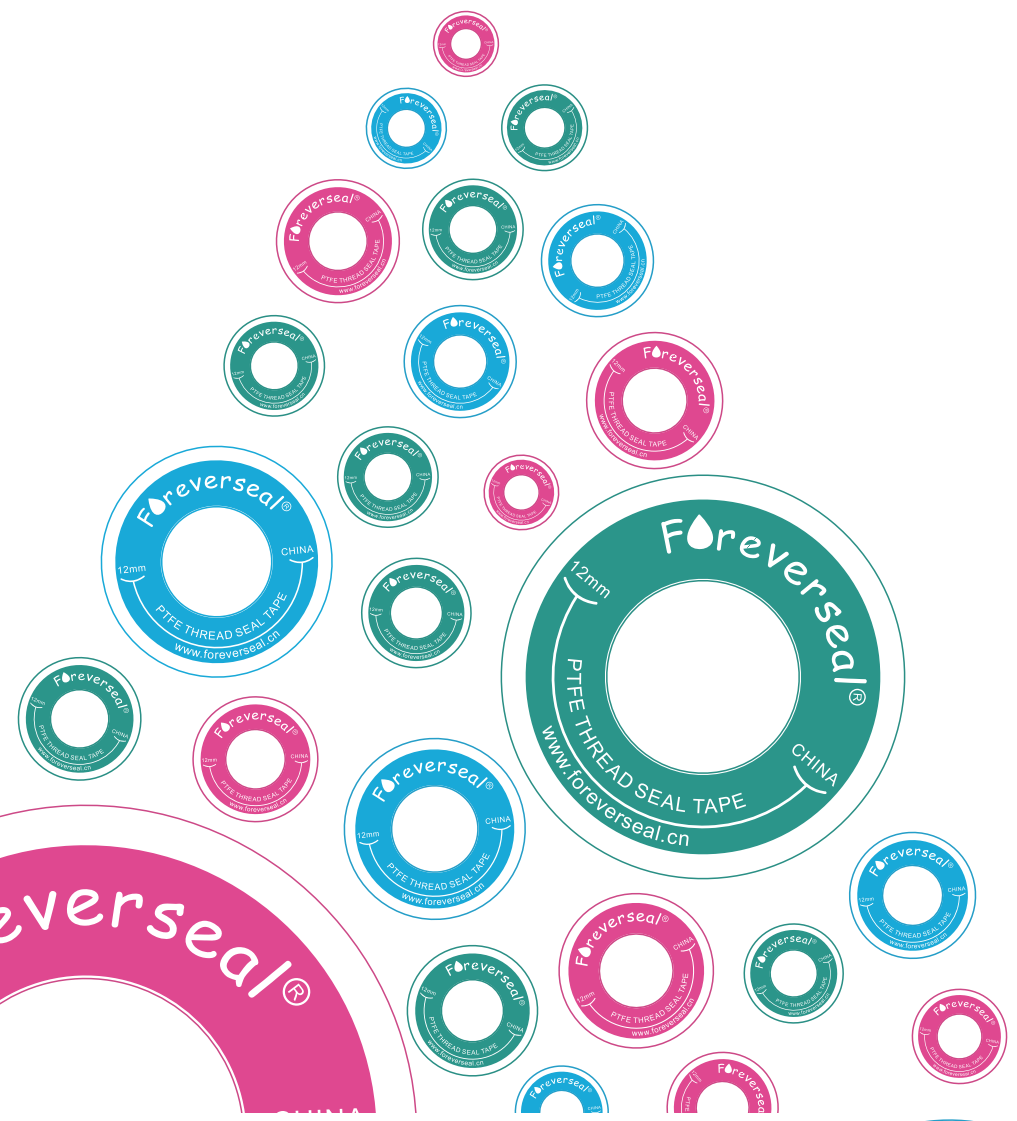
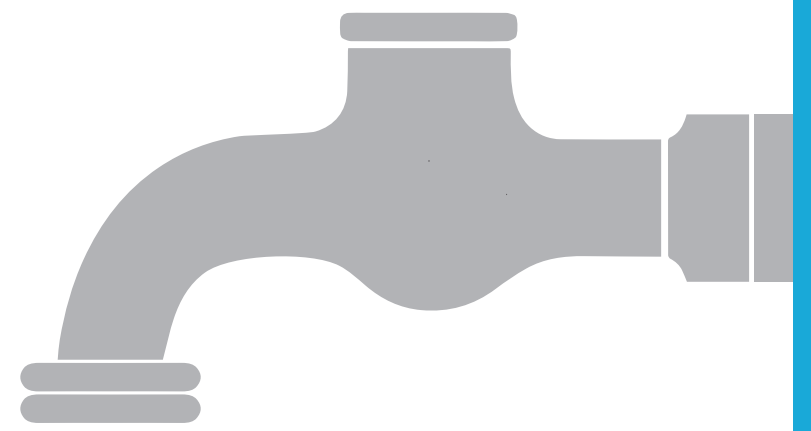


**Foreverseal®**  
HANGZHOU FOREVER PLASTICS CO.,LTD



**Foreverseal®**

**杭州福沃塑胶制品有限公司**  
HANGZHOU FOREVER PLASTICS CO.,LTD

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**杭州福沃塑胶制品有限公司**  
HANGZHOU FOREVER PLASTICS CO.,LTD



Since 2009  
You smile, we smile,  
all world smile



Main Market: Europe North America South America South-East Asia North Africa Mid-East



## A RELIABLE PARTNER

---- FOREVER SEAL, FOREVER REAL, FOREVER DEAL !

Foreverseal is a privately owned company with a very stable financial background, who is a professional manufacturer and exporter of high quality PTFE TAPE from Jun 2009.

Now we have a team of qualified engineers and employees, more than 80 workers. We are not the biggest one, but the best partner you need...



## WHY WE ARE THE BEST FOR OUR CUSTOMERS

Best Service  
Strict quality control  
Good Quality of the products  
Automatic machines  
High output  
Product Variety  
Competitive Price  
On time shipment



## QUALIFICATIONS

With significant investment in both R&D for all production line, Foreverseal has already introduced automatic machines to improve the work efficiency and product quality from 2012. Our PTFE TAPE have obtained UL, CE, WRAS...Stable and good quality lead us to keep long and standing business relations with old clients and get more new clients from middle & high quality markets.



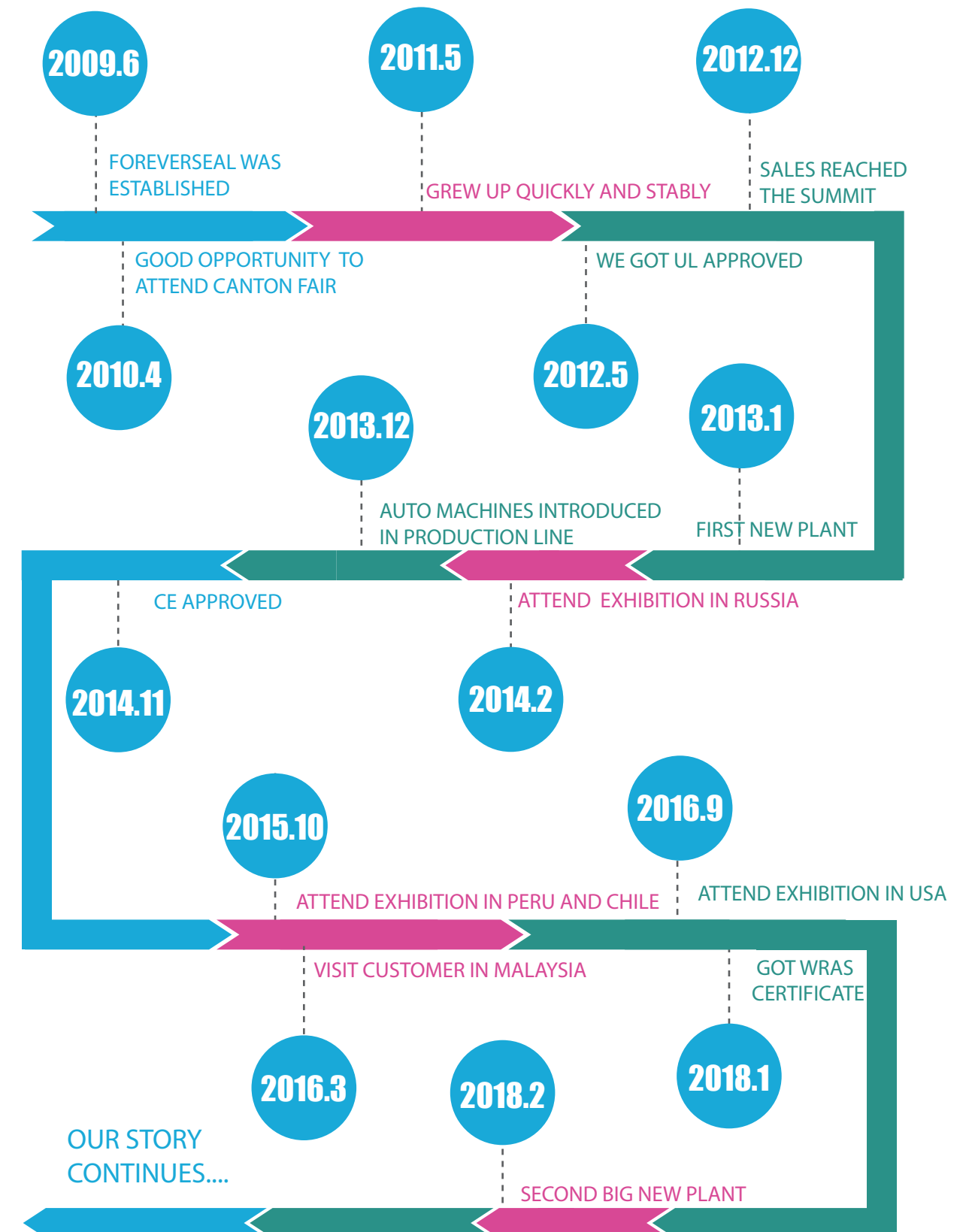
## QUALITY CONTROL

Strict Quality Control Before - On - After production:

1. Before production: Check color & printing for spool/cover, quality of packing material...
2. On production:
  - Control width, thickness, length, density under international standard by 5% random test
  - Each order has QC report
  - Keep shipment samples within 3 years
3. After production: Check quantity is correct and package is complete



## COMPANY COURSE



# PTFE IS CHEMICALLY INERT

## PTFE is chemically inert

PTFE is virtually chemically inert. Acids, alkalis, alcohols, even aqua regia cannot attack PTFE. The reason is that within the PTFE-molecule there is an extremely strong bond between the carbon- and the fluorine atoms which makes the molecule very inert. These bonds can only be broken by a few substances: PTFE swells reversibly from fluorinated carbons; it can only be destroyed by elementary alkali metals, e.g. sodium

## Extremely low friction coefficient

PTFE has a very low friction coefficient. The sliding properties can be compared with wet ice on wet ice. Another characteristic of this plastic is the fact that the sliding friction is exactly equal to the static friction. This explains why the transition from stationary to sliding motion takes place without a jerk.

## Totally repellent

Hardly anything sticks to PTFE due to the high surface tension.

## Temperature resistant

The polymer has a crystallite melting point of 327° C with long-term exposure values from minus 200 °C up to +260 °C. Short term temperature peaks up to 300 °C are possible.

## Flammability

The Limiting Oxygen Index " (LOI) of PTFE is approximately 95% O2. If PTFE is subjected to a hot flame it disintegrates by glowing. PTFE is non-flammable.

## Physiologically safe

Pure 100% PTFE (fully sintered) are ideally suited for the food and medical field.

## No limit to the lifespan

## Weather and UV resistant

# PTFE THREAD SEAL TAPE/TEFLON TAPE



PTFE seal tape is appropriate for use in pipes and fittings for plumbing and gas connections such as pipe threads, thread on pipe fittings etc. As a sealing material widely used in industrial applications, civil-construction, machinery, chemicals, and space navigation especially in drainage systems PTFE TAPE available in a variety of widths,lengths and thickness, in white Thread seal Tapes(low, medium, high density) and Color coded Premium Thread Seal Tapes are also available for specialized applications.

## TEMPERATURE RANGE USE

-450°F 500°F

Gases: -450°F (-268°C) to 500°F ( 260°C)

-450°F 500°F

Liquids: -450°F (-268°C) to 500°F ( 260°C)

## PRESSURE RANGE USE

Gases: up to 10,000 PSI (1450 kPa)

Liquids: up to 3,000 PSI (435 kPa)

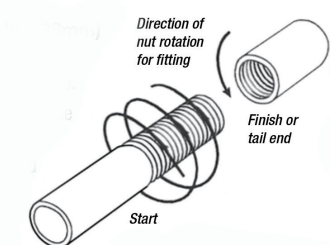


## DIRECTIONS FOR USE

- For threads up to 1-1/2" diameter, use 1/2" width of thread seal tape. For larger diameter threads, use 3/4" width of thread seal tape.
1. Clean the male and female threads thoroughly.
  2. Wrap the tape around the male thread. Take care to keep the tape under tension as you are wrapping so the tape moulds itself into root of the thread.
  3. Make sure that you wrap with the thread.
  4. Make sure that the tape does not overlap the end of the fitting.

## CHARACTERISTICS

- . Compatible with a broad range of gases and liquids
- . Compatible with a broad range of piping materials
- . Will not harden or crack on the joints
- . Effective across a broad range of temperatures and pressures
- . Acts as a thread lubricant and anti-seize
- . Prevents electrolytic corrosion of threads
- . No curing time
- . Unlimited shelf life
- . Non-flammable





## WHITE PTFE TAPE ▼

White PTFE tape is an economical and used for all purpose



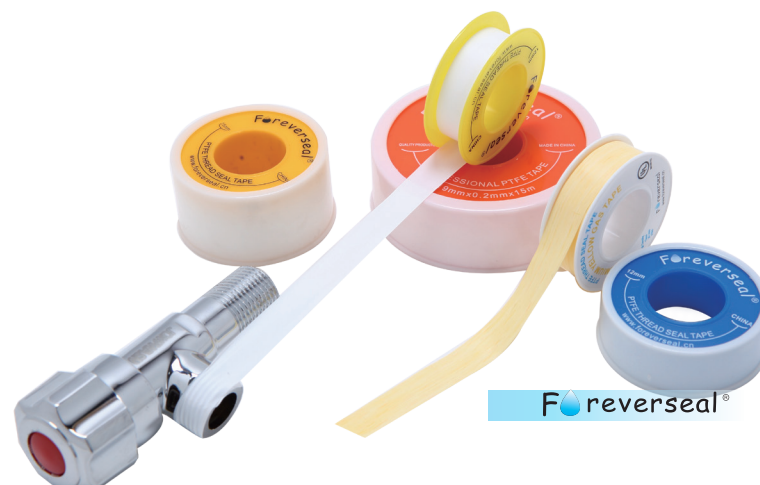
### PHYSICAL PROPERTIES:

Thickness:	0.075mm, 0.1mm, 0.2mm
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Composition:	100% pure PTFE
Temp.Range:	-400F to +500F (-240C to 260C)
Pressure Rating:	up to 3,000PSI
Tensile Strength:	8N/mm2
Elongation:	Min 25%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable

1. Low density: 0.20g/cm3---0.30g/cm3
2. Medium density: 0.30g/cm3---0.70g/cm3
3. High density: 0.70g/cm3---1.80g/cm3



Listed  
Seal material  
4tk8  
MH48783



High density PTFE TAPE according to MIL-T27730A, UL. Applied for all types of threaded fittings for passage of water potable and non-potable, most chemicals, oxygen, gasoline, natural gas, hydraulic and high-pressure lines.

With density <0.70g/cm3 are applied for the sealing of threaded joints on systems for water, compressed air, cooling and steam systems and hydraulic systems. Applicable on all types of materials (iron, metal, plastic, fibre etc.).

## YELLOW GAS LINE PTFE TAPE ▼

YELLOW GAS LINE PTFE TAPE is a high density PTFE Tape specifically used on natural gas, propane and butane lines.

### PHYSICAL PROPERTIES:

Thickness:	0.1mm/0.004"
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Density:	0.80g/cm3 to 1.80g/cm3
Composition:	Min. 99% virgin PTFE, Max. 1% pigment
Temp.Range:	-450F(268C) to +500F (260C)
Pressure Rating:	up to 10,000PSI
Tensile Strength:	15N/mm2
Elongation:	Min 50%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable



## PINK PLUMBER LINE THREAD SEAL TAPE ▼

Pink Plumber Line Thread Seal Tape is a full density thread seal tape for used with piping in air, water, sewage, hydraulic lines and sprinkler systems.

### PHYSICAL PROPERTIES:

Thickness:	0.1mm/0.004"
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Density:	1.20g/cm3 to 1.50g/cm3
Composition:	Min. 99% virgin PTFE, Max. 1% pigment
Temp.Range:	-450F(268C) to +500F (260C)
Pressure Rating:	up to 10,000PSI
Tensile Strength:	15N/mm2
Elongation:	Min 50%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable



## BLUE INDUSTRIAL THREAD SEAL TAPE ▼

Blue Industrial Thread Seal Tape is high quality and specially for industrial pipe.

### PHYSICAL PROPERTIES:

Thickness:	0.1mm/0.004"
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Density:	0.8g/cm3 to 1.20g/cm3
Composition:	Min. 99% virgin PTFE, Max. 1% pigment
Temp.Range:	-450F(268C) to +500F (260C)
Pressure Rating:	up to 10,000PSI
Tensile Strength:	15N/mm2
Elongation:	Min 50%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable



## GREEN OXYGEN LINE PTFE TAPE ▼

Green Oxygen Thread Seal Tape is recommended for all oxygen lines.

### PHYSICAL PROPERTIES:

Thickness:	0.1mm/0.004"
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Density:	1.20g/cm3 to 1.50g/cm3
Composition:	Min. 99% virgin PTFE, Max. 1% pigment
Temp.Range:	-450F(268C) to +500F ( 260C)
Pressure Rating:	up to 10,000PSI
Tensile Strength:	15N/mm2
Elongation:	Min 50%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable



## GRAY STAINLESS STEEL ANTI-SEIZE PTFE TAPE ▼

Has nickel pigment colour added and recommended for all stainless steel pipe and fittings.

### PHYSICAL PROPERTIES:

Thickness:	0.1mm/0.004"
Width:	12mm(1/2") 19mm(3/4") 25mm(1")
Density:	1.20g/cm3 to 1.80g/cm3
Composition:	Min. 99% virgin PTFE, Max. 1% pigment
Temp.Range:	-450F(268C) to +500F ( 260C)
Pressure Rating:	up to 10,000PSI
Tensile Strength:	15N/mm2
Elongation:	Min 50%
Storage:	Unlimited shelf life (less than 70F recommended)
Flammability:	Non-flammable



## EXPANDED PTFE JOINT SEALANT SEAL TAPE FT-E01 ▼

Expanded PTFE Joint Sealant tape is a 100% expanded PTFE gasket material and combined with a self-adhesive strip for easy application.

It can be used as a jointing on all types of flanges, pipe fittings and can be used with almost all fluids for its excellent corrosion resistance, high pressure resistance.



NO.	SPEC Flange Size(mm)			Flange Size(mm)
	Width(mm)	Thickness(mm)	Length(m)	
FT01	3±0.5	2±0.5	40	<100
FT02	5±1	2±0.5	25	<400
FT03	6±1	3±1	20	<500
FT04	7±1	2.5±0.5	15	<600
FT05	9±1	4.5±1	10	<1000
FT06	10±1.5	3±1	10	<1000
FT07	12±1.5	4±1	10	>1000
FT08	14±1.5	5±1.5	5	>1000
FT09	16±1.5	5±1.5	5	>1000
FT10	17±1.5	6±1.5	5	>1000
FT11	20±2	4±1	5	>1000
FT12	20±2	7±1.5	5	>1000
FT13	25±2	6±1.5	5	>1000
FT14	25±2	8±1.5	5	>1000

TEMPERATURE RANGE	-260℃ ~260℃
Pressure	Fluid sealing: 200(kgf/cm2) Gas sealing: 140(kgf/cm2)
Thickness	0.5mm-10mm
Width	3mm--100mm
Density	0.7 g/cm3~0.8 g/cm3
PH	0~14



## PURE PTFE PACKING FT-P01

### Applications:

PTFE Packing can be used in various pumps and valves in wide range of temperature, pressure and chemical.

Color: White

Composition: Pure PTFE

### Equipment:

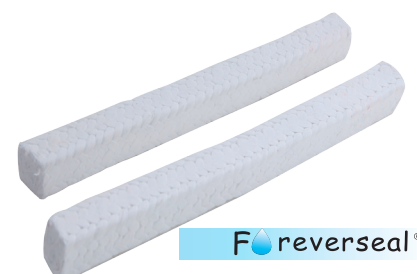
Low speed pumps, and rotating & reciprocating equipment, Valves, agitators, mixers, driers, refiners, expansion joints

Max Size: 2" (thickness)

Construction: Interlock braid (except small sizes)

### Technical Data:

TECHNIQUE DATA	Centrifugal separator	Reciprocating pump	Valve
PH VALUE	0 ~ 14		
LINEAR Vg(M/S)	4	2	2
PRESSURE (Bar)	20	100	200
WORKING TEMPERATURE	-200CENTIGRADE ~ 260 CENTIGRADE		
DENSITY: g/cm3	1.4 ~ 1.6		



PACKAGING: In coil of 1kg,2.5kgs and 5kgs, other weight on request.

## GRAPHITE PTFE PACKING FT-P02

### Applications:

In general, Graphite PTFE packing is designed for speed and temperatures higher than those that can be handled by pure PTFE packing

Color: Black

Composition: Graphite/PTFE Yarn (CPL Fiber)

### Equipment:

High speed pumps, and rotating & reciprocating equipment, Valves, agitators, mixers, driers, refiners, expansion joints

Max Size: 2" (thickness)

Construction: Interlock braid (except small sizes)

SPECIFICATION	Centrifugal separator	Reciprocating pump	Valve
PH VALUE	0 ~ 14		
PRESSURE (BAR)	20	200	250
WORKING TEMPERAURE	-240 CENTIGRADE ~ 288 CENTIGRADE		
LINEAR SPEED (M/S)	16	2	2
DENSITY: g/cm3	1.4 ~ 1.6		



PACKAGING: In coil of 1kg,2.5kgs and 5kgs, other weight on request.

## THREAD SEALING CORD

**Composition:** Poly-amide thread with inert proprietary paste

**Appearance:** White color, coated wet cord

**Length:** 20m to 180m

### Application:

Use for Gas, LPG, Natural gas pipelines, valve installing.

Industrial, Public and house pipeline system

( cold water, hot water, heating, potable –water) .

Industrial production (pump, valve, pipe joints etc)



### Production Features

1. High strength , reliability Anti-loosen, sealing security
2. High Temperature resistance ,High Pressure resistance
3. Easy to Assemble & disassemble



### Usage:

1. Thread must be cleaned by brush, then wind onto the thread following the direct of the thread
2. Turns: Refer to the form , if it's used to the plastic pipe ,30% of the turns added will be recommended regardless the space of the thread Cut the string direct by the edge of the packing
3. It's very useful when adjust loosen or tighten disassemble and wind up

Pipe Diameter	Number of turns ( wraps)	
	Metal	Plastics
1/2"	6 -8	12-15
3/4"	7-9	15-25
1"	8-12	20-30
1 1/2"	10-15	25-35
2"	15-25	
2 1/2"	20-30	
3"	25-35	
3 1/2"	30-40	
4"	35-45	

Packing : 25 or 50 bottles / inner box , 100 bottles / Carton

Stored in cool and dry ,keep way from children ,shelf life 2 years

# Specification List

WIDTH	THICKNESS	LENGTH	TAPE DENSITY	SPOOL OD	TAPE COLOR	PACKING	QUANTITY	PRICE
<input type="checkbox"/> 12mm	<input type="checkbox"/> 0.075mm	<input type="checkbox"/> 8m	<input type="checkbox"/> 0.25	<input type="checkbox"/> 50mm	<input type="checkbox"/> White	<input type="checkbox"/> 10pcs/shrink	<input type="checkbox"/> >50,000 pcs	
<input type="checkbox"/> 19mm	<input type="checkbox"/> 0.1mm	<input type="checkbox"/> 10m	<input type="checkbox"/> 0.30	<input type="checkbox"/> 56mm	<input type="checkbox"/> Yellow	<input type="checkbox"/> 10pcs/color box	<input type="checkbox"/> 20,000pcs~50,000 pcs	
<input type="checkbox"/> 25mm	<input type="checkbox"/> 0.2mm	<input type="checkbox"/> 12m	<input type="checkbox"/> 0.35	<input type="checkbox"/> 76mm	<input type="checkbox"/> Pink	<input type="checkbox"/> 48pcs/display box	<input type="checkbox"/> <20,000 pcs	
<input type="checkbox"/> other	<input type="checkbox"/> other	<input type="checkbox"/> 15m	<input type="checkbox"/> 0.40	<input type="checkbox"/> 86mm	<input type="checkbox"/> Blue	<input type="checkbox"/> other		
		<input type="checkbox"/> 20m	<input type="checkbox"/> 0.50	<input type="checkbox"/> 94mm	<input type="checkbox"/> Green			
		<input type="checkbox"/> 40m	<input type="checkbox"/> 0.80	<input type="checkbox"/> other	<input type="checkbox"/> Grey			
		<input type="checkbox"/> 50m	<input type="checkbox"/> 1.0		<input type="checkbox"/> other			
		<input type="checkbox"/> other	<input type="checkbox"/> other					

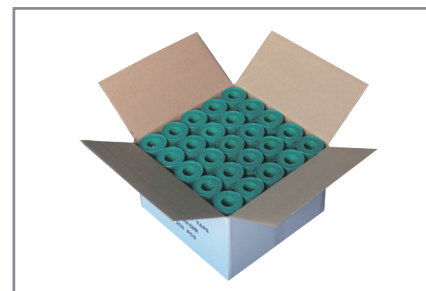
Tick the size you need to get an offer from us (check below example)

WIDTH	THICKNESS	LENGTH	TAPE DENSITY	SPOOL OD	TAPE COLOR	PACKING	QUANTITY	PRICE
<input checked="" type="checkbox"/> 12mm	<input checked="" type="checkbox"/> 0.1mm	<input checked="" type="checkbox"/> 10m	<input checked="" type="checkbox"/> 0.30	<input checked="" type="checkbox"/> 56mm	<input checked="" type="checkbox"/> White	<input checked="" type="checkbox"/> 10pcs/shrink	<input checked="" type="checkbox"/> >50,000 pcs	

# Main Packing Ways



● 10pcs/shrinking



● 250pcs/inner box



● 1000pcs/outer carton

# Qualifications Files

