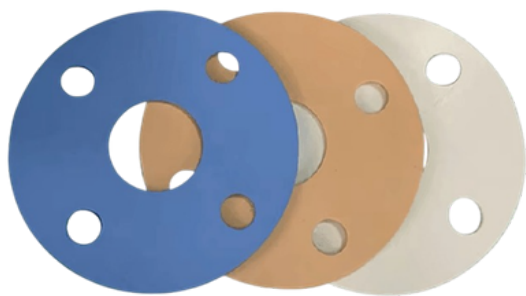


MODIFIED PTFE SHEETS



► Categories

Teflon (PTFE) Gasket

Producing by molding and mechanical processing of suspension PTFE resin

► Features

- Excellent flexibility, resilience crunch, creep resistance.
- High temperature resistance
- Excellent corrosion resistance, aging resistance
- Self-lubricating

► Applications

It has effect of sealing, conditioning oil, thermal (heat), orientation (support), which is widely used in a variety of powder machinery.

Pure Gasket

Pure PTFE to make gasket

Filled Gasket

Fill different materials according to customer's requirement, such as carbon powder, polystyrene, glass fiber, graphite, copper powder, etc.

► Specifications

Wide range of categories, could process according to customer's requirements.

► Main technical indicator

Property	Unit	Pure PTFE Result
Apparent density	g/cm ³	2.10 – 2.30
Tensile strength	MPa	≥15
Ultimate elongation	%	≥150

	Unit	Standard	CPI-PTFEMP01	CPI-PTFEMP02	CPI-PTFEMP03
Colour	-	Na	WHITE	BLUE	BEIGE
Density	g/m ³	ASTM D792	2.1-2.3	1.55-1.65	2.1-2.3
Filler	-	NON	Barium Sulfate	Fiber	Silica
Tensile strength	-	ASTM F152	10	≥	≥8
Compression ratio	-	ASTM F36	8	≥	≥10
Elastic resilience ratio	-	ASTM F36	27	≥	≥30

MODIFIED PTFE SHEETS



CPI-PTFEMP01

Product Features

The tightest seal, creep loose reduced, excellent bolt torque maintaining performance, chemical resistance.

Working Condition (Medium)

Strong corrosive substance, neutral acid, chlorine, coal gas, water, vapour, hydrocarbon, low temperature substance, aluminium fluoride, alkalinity, fluorine containing occasions.

Product Usage

Chemical, pharmaceutical, etc.

CPI-PTFEMP02

Product Features

The tightest seal, creep loose reduced, excellent bolt torque retention/maintaining performance, chemical resistance.

Working Condition (Medium)

Moderate concentration acid, corrosive substance, hydrocarbon, dissolution, water, refrigerants, low temperature substance, hydrogen peroxide, acetic acid, Medical cleaning pipeline, glass-lined flanges with good Surface roughness, flanges with defective & uneven surfaces, heat exchanger etc.

Product Usage

Chemical, pharmaceutical, etc.

CPI-PTFEMP03

Product Features

The tightest seal, creep loose reduced, excellent bolt torque retention/maintaining performance, chemical resistance.

Working Condition (Medium)

Strong acid (excluding hydrofluoric acid), solvent, hydrocarbon, water, vapour, chlorine, low temperature etc. Polysilicon Acid alkali working conditions (excluding hydrofluoric acid).

Product Usage

Chemical

