

PTFE (TEFLON) SHEET



Features

- Low temperature and high temperature resistance (-180°C ~ +260°C)
- Corrosion resistance, weather resistance
- High lubricity, no adhesion
- Non-toxic
- Non-flamable
- Acid and alkali resistance (Except molten alkali metals)
- Antioxidant

Application

- Welded chemical containers, tanks
- Machinery, construction, transportation bridges sliders, rail release materials
- The production of sealing materials
- Filling different materials to enhance performance of the desired area according to customer requirements

Main Technical Indicator

Property	Unit	Pure PTFE Result
Tensile strength	Mpa	≥15.0
Ultimate elongation	%	150~400
Apparent density	g/cm ³	2.1~2.3
Dielectric strength	KV/mm	≥10
Resistance of surface (Working voltage 500V)	Ω	3.7x10 ¹⁶

Categories

Molded sheet	Produced by compression molding processing, molding, sintering, cooling of suspension PTFE resin into pure sheets and filled sheets (color, copper powder, glass fiber, graphite, carbon fiber, black, carbon powder, polyphenylene, anti-static plates, etc)
Skived rolled sheet/skived tape	Produced by skiving granular resin
Skived sheet	Produced by cutting and flattening skived rolled sheet
Sodium processing sheet	Produced by sodium treatment of sheet surface according to customers size requirements. Dividing into single-sided and double-sided sodium treatment.

Specifications

Categories	Size	Length (mm)	Width (mm)	Thickness (mm)
Molded sheet		300	300	2~100
		400	400	2~100
		450	450	2~100
		500	500	2~100
		600	600	2~100
		800	800	2~100
		1000	1000	2~100
		1200	1200	2~100
		1500	1500	2~50
		1800	1200	2~50
		1800	1800	2~50
		2000	1000	2~50
	2000	2000	2~50	
Skived rolled sheet/skived tape			10~2700	0.02~10
Skived sheet			10~2700	0.02~10
Sodium processing sheet				0.2~100

