

# PTFE (TEFLON) TAPE AND FILM



## 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

- Wire, cable, battery electrodes and other electronic aspects
- Gasket seals and lubricating materials, as well as electrical insulation used at various frequencies

## Categories

PTFE skived film is teflon resin after molding and skiving to non-directional films and non-directional films is rolled to semi-directional and directional film.

SFM-1 □directional□	Capacitor dielectric, etc
SFM-2 □semi-directional, non-directional□	Wire insulation
SFM-3 □directional, non-directional□	Electrical instrumentation insulation and sealing gasket, etc

## Main Technical Indicator

Property	Unit	SFM-1		SFM-2		SFM-3	
		High-density	Semi-density	Common	Common	Common	Common
Elongation strength	Mpa	≥30	≥20	≥10	≥30	≥10	
Elongation at break	%	≥30	≥60	≥100	≥30	≥100	
1MHz dielectric constant		1.8~2.2			1.8~2.2		
DC breakdown voltage(normal temperature)	KV/mm	Average 200	100	40	60	30	
		lowest 40	10	4			

## Specifications

Categories	Size	Width (mm)	Thickness (mm)	Length (mm)
skived film □non-directional film□				
Semi-directional film		5~1300	0.03~1.0	
directional film				
Note: The length could be processed according to requirement of customers.				

