



# PTFE

Virgin PTFE Skived Sheet | Non-Stick

## FEATURES

Virgin PTFE Skived Sheet is made from high quality PTFE resins. It is the most chemically resistant plastic known. Virgin PTFE has a non-stick surface and very few products will adhere to it.

## TECHNICAL INFORMATION

pH Value	0 – 14	
Working Temperature	-180°C to +260°C	
Melting Point	+327°C	ATM D3418
Specific Gravity	2.14 – 2.20	ATM D792
Tensile Strength	21 – 34MPa	ATM D638
Elongation	300-500%	ATM 638
Hardness	50-65 HB	ATM D2240
Impact Strength	3 Ft/Lb/In	ATM D256
Water Absorption	<0.01%	ATM 570
Coefficient of Friction	0.05 – 0.10	ATM D1894
Dielectric Constant	2.1 (1 MHz)	ATM D150
Dielectric Strength	18 V/μm	ATM D149
Coefficient of Thermal Expansion	5.5 x 10.3 In/In/Ft 73°F	ATM D696
Colour	White	
MSDS	Available upon request	

## AVAILABLE SIZES

### STANDARD LENGTH

1m to 20m rolls

### STANDARD SIZES

1000 up to 1500mm

### STANDARD THICKNESS

0.25mm up to 25.0mm

Other sizes available upon request

May be customised to suit customer's application



## APPLICATIONS

PTFE Skived Sheet is suited to more aggressive applications in the chemical or cryogenic industry or the food manufacturing where hygiene is a necessary requirement. PTFE has the lowest coefficient of friction of all known solid materials. It also has the best electrical properties of all plastics and is virtually unaffected by weather and is chemically inert. Sheets are also available with sodium ammonia or sodium naphthalene etching. Common applications include:

- > Food processing
- > Electrical parts
- > Insulators
- > Seals
- > Bearings



Sheet conforms to FDA regulations 21 CFR 177.2600