

Overview

Our Virgin PTFE Sheet offers a unique combination of benefits. This material is resistant to hot and cold, has outstanding chemical resistance and strong dielectric properties.

Often referred to as Teflon, Virgin PTFE is pure PTFE and is anti-adhesive and very low friction.

Used for a variety of applications including...

- Thermal insulation material for electronics, HVAC and industrial equipment.
- Slide bearings.
- Piston rings, glide rings and back-up rings.
- Chevron seals.
- As an electrical insulation material.
- For making high temperature, chemical resistant washers and gaskets.
- For the manufacture of chemical resistant seals for pumps and valves.
- In the food, beverage and pharmaceutical industry for making slides, guides and wear strips.
- In the building industry for parts and components (PTFE has excellent weathering resistance).

Custom PTFE Sheets and Parts.

All the pre-cut sizes of PTFE listed on the next page are cut in-house.

More complex components can also be produced through either water cutting, machining or some combination of the two. This includes PTFE washers, gaskets, strips, parts and much more.

For more information on custom components made from our Virgin PTFE Sheet, please do contact us.



Key Specifications

Temperature Resistance	-150°C to +260°C
Colour	White
Tensile Strength	>20 MPa
Hardness	50-60 Shore D
Dielectric Strength	30kV/mm
UL 94 Flammability Rating	V0
Coefficient of Dynamic Friction	<0.1 Cold Finished Steel

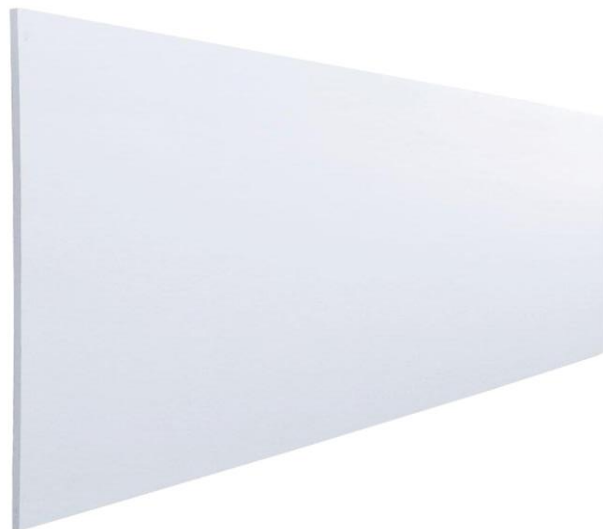


PTFE Sheet Sizes.

The tables below list all our standard sizes of PTFE Sheet. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at swiftsupplies.com.au/virgin-ptfe-sheets-range

Thickness	Small Sheets 240mm Square	Medium Sheets 495mm Square	Medium Sheets 495mm x 990mm
0.15mm	SWM000473P01V0001	SWM000473P01V0004	SWM000473P01V0007
0.5mm	SWM000473P01V0002	SWM000473P01V0005	SWM000473P01V0008
1mm	SWM000473P01V0003	SWM000473P01V0006	SWM000473P01V0009
1.5mm	SWM000474P01V0001	SWM000474P01V0008	SWM000474P01V0015
2mm	SWM000474P01V0002	SWM000474P01V0009	SWM000474P01V0016
2.5mm	SWM000474P01V0003	SWM000474P01V0010	SWM000474P01V0017
3mm	SWM000474P01V0004	SWM000474P01V0011	SWM000474P01V0018
5mm	SWM000474P01V0005	SWM000474P01V0012	SWM000474P01V0019
6mm	SWM000474P01V0006	SWM000474P01V0013	SWM000474P01V0020
12mm	SWM000474P01V0007	SWM000474P01V0014	SWM000474P01V0021

Thickness	Large Sheets 990mm Square
0.15mm	SWM000473P01V0010
0.5mm	SWM000473P01V0011
1mm	SWM000473P01V0012
1.5mm	SWM000474P01V0022
2mm	SWM000474P01V0023
2.5mm	SWM000474P01V0024
3mm	SWM000474P01V0025
5mm	SWM000474P01V0026
6mm	SWM000474P01V0027
12mm	SWM000474P01V0028



Thickness	Per Metre 1200mm Wide	Per Metre 1500mm Wide	Full Sheet 1500mm Square
0.15mm	SWM000473B01V0001	Not Available	Not Available
0.5mm	Not Available	SWM000473B01V0002	Not Available
1mm	Not Available	SWM000473B01V0003	Not Available
1.5mm	Not Available	SWM000473B01V0004	SWM000474B01V0001
2mm	Not Available	Not Available	SWM000474B01V0002
2.5mm	Not Available	Not Available	SWM000474B01V0003
3mm	Not Available	Not Available	SWM000474B01V0004
5mm	Not Available	Not Available	SWM000474B01V0005
6mm	Not Available	Not Available	SWM000474B01V0006
12mm	Not Available	Not Available	SWM000474B01V0007