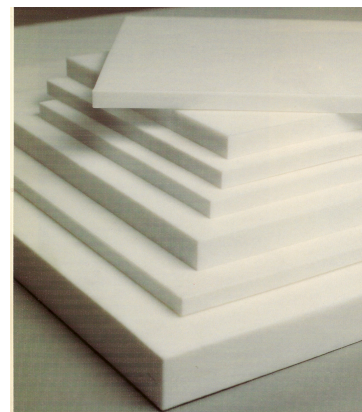


PTFE SHEET

RUBBER SHEETS › TEFLON SHEET

The main characteristics that make PTFE a unique material:

- low coefficient of friction
- excellent resistance to external agents
- high degree of anti-adhesiveness
- high degree of resistance to low and high temperatures (from -200°C to $+260^{\circ}\text{C}$)
- excellent dielectric properties.



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MECHANICAL CHARACTERISTICS

Compressive resistance at a predetermined deformation is one of the best mechanical characteristics of PTFE, in a wide range of temperatures of use. Flexural strength, plastic memory and hardness are other characteristics that strongly distinguish PTFE.

ELECTRICAL CHARACTERISTICS

PTFE has excellent dielectric qualities over an extremely wide range of temperatures and frequencies. The dielectric strength varies as the thickness varies and decreases as the frequency increases, remaining unchanged in values up to operating temperatures close to 300°C .

RESISTANCE TO CHEMICAL AGENTS

PTFE is considered inert towards practically all known chemical reagents. It is attacked only by elemental alkali metals, chlorotrifluoride and elemental fluorine at high temperatures and pressures.

THERMAL CHARACTERISTICS

PTFE has always been considered one of the most thermally stable plastic materials. Up to a temperature of 260°C , no particular structural decompositions are detected.

Thickness mm	Format mm
4	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
5	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
6	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
8	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
10	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
12	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
15	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
20	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000

25	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
30	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
40	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
50	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
60	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
70	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
80	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
90	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000
100	600 x 600 / 1000 x 1000 / 1200 x 1200 / 1500 x 1500 / 1000 x 2000