

## DATA / SPECIFICATION SHEET

# PTFE



**Colour - White**

Recommend for food and drink industry

### DESCRIPTION

PTFE and derivatives are probable the most widely used plastic class in sealing technology. The material has virtually universal chemical resistance and a very low coefficient of friction with excellent dry running properties. The applications of PTFE are found across all the many sectors of industry where sealing products are used. It is widely used in the process industry where chemical resistance is required for gaskets and packings, in food, pharmaceutical and medical applications for inertness and across a wide range of general industry for dynamic seals where low or consistent friction characteristics are required.

### SERVICE

**Resistant to:** Most media.

**Not suitable for:** Molten alkali metals, fluorine and other halogens, strong oxidizing agents.

### PROPERTIES

Density	2.25 g/cc
Tensile Strength	14 MPa
Elongation	140%
Voltage	10 KV
Temperature Range	-180°C to 260°C
Pressure	100 Bar max

### AVAILABILITY

Thickness range	= 1.0mm to 5.0mm (standard) or by order
Standard sheet sizes	= 1.2m X 1.0m 1.2m X 2.0m 1.2m X 5.0m 1.2m X 10.0m 1.2m X 12.0m

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