



DATA/SPECIFICATION SHEET



Virgin PTFE

DESCRIPTION

PTFE and derivatives are probably 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, 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.

Properties

Temperature range	-180°c to 260° C
Max Pressure	80 bar
Density	2.2 g/cc
Compressibility	12-20%
Recovery	35-40%
Tensile Strength	15 MPa

Service

Resistant to: Most media.

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

Availability

Thickness range = 0.25mm to 6.0mm (standard) or by order.

Standard roll/sheet size = 1.2m X 1.0m
1.2m X 5.0m
1.2m X 10.0m
1.5m X 1.5m

All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. For Detailed selection criteria, technical information, installation guidelines and the complete listing of our business support, please contact Masterpac Engineering or send email to enquiry@mpac-asia.com.

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