

DERBY GASKETS LTD.

www.derbygaskets.com

MATERIAL SPECIFICATION

VIRGIN PTFE

Typical Properties:

Max Temp. (Short period)	300°C
Max Temp. (Continuous)	260°C
Elongation at break	>200%
Tensile Strength	25 N/mm ²
Co-efficient of friction	>0.1

Characteristics:

Outstanding chemical resistance – chemically inert
Excellent temperature range
Excellent non-stick properties
Very good electrical insulator
FDA compliant
Poor mechanical properties

Typical Applications:

Seals	Pump parts
Valve seats	Ball
Envelopes	Bellows

Description:

Exhibiting the broadest chemical resistance of any polymer and a wide operating temperature range Virgin PTFE is used in demanding environments. Poor mechanical characteristics can often be overcome with the inclusion of a filler such as glass, carbon or bronze.

We reserve the right to alter the specification without notice.
Values given may vary according to manufacturing tolerances.

It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required