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## Virgin PTFE Product

Virgin PTFE contains no fillers and has almost universal chemical resistance. It has excellent insulating capabilities and high dielectric properties. Its high temperature stability allows for continuous use at 260°C. Virgin PTFE has excellent low friction, non-stick and release properties.

### Virgin PTFE Applications:

- O-Rings
- Envelope gaskets
- Seals
- Bellows
- Linings (chemical)
- Valve seats

### Physical Properties:

Specific Gravity:	g/cm <sup>3</sup>	2.18
Max Continuous Operating Temp:	°C	260
Max Short Term Operating Temp (3-4hrs):	°C	310
Tensile Strength:	Mpa	28
Hardness:	Rockwell M	65
Co-efficient of thermal expansion:	m/(m.k) x 10 <sup>-6</sup>	125
Dielectric Strength:	KV/mm	59
Surface Resistivity:	Ohms >	10 <sup>^7</sup>
Flammability UL94:		530
Food Grade:	FDA	Yes

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