



Teflex

- Teflex is a pure woven PTFE.
- Teflex is capable of running at high temperatures. Continuously operating at 260°C / 500°F with short term surges at 280°C / 536°F
- Can be used on products across the full pH scale, i.e. either caustic or acid products will not effect Teflex

✓	✗	✗	✗	✗	✓	✓	✗
VIBRATION	OSCILLATION	COMPRESSION	DUST TIGHT	FOOD SAFETY			ATEX



Physical Properties

Fibre	Teflon PTFE
Colour	Natural (dark brown)
Construction/Finish	Basket weave
Weight	678 g/m ² 20 oz/yd ²
Thickness (mm)	0.5 / 1/64"
Max. Operating Temp	260°C / 500°F
Max. Surge Temp	280°C / 536°F
Low Temp Flexibility	Good
Surface Resistance (Ohms)	Insulative
Minimum Tensile Strength measured as a force over a 25mm wide Ravel Strip (Test Standard: ASTM D5035)	Fabric Warp 90) kgf/ Weft 100) 25mm (Filling)
Ultimate Elongation (%) (Test Standard: ASTM D5035)	55
Air Permeability (cm ³ /cm ² /sec@125Pa)	0.3
	(ft ³ /ft ² /min@0.5" wg) 0.5

Note: 125Pa = 0.5" wg

Compliance:

PTFE is FDA compliant under CFR21 177.1550.