

Teflex Woven

- Teflex Woven is a pure woven PTFE.
- Teflex Woven 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 Woven.



PHYSICAL PROPERTIES:

Fibre	PTFE
Colour	Natural (dark brown)
Construction/finish	Basket weave
Weight	678 g/m ² 20 oz/yd ²
Thickness (mm)	0.5mm / 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	Fabric Warp 90) Weft 100)	kgf/25mm
<i>(Test Standard: ASTM D5035)</i>		

Ultimate Elongation (%)	55
<i>(Test Standard: ASTM D5035)</i>	

Air Permeability:

(cm³/cm² sec@125Pa) 0.3

(ft³/ft²/min@0.5" wg) 0.5

AVAILABLE SIZES: (in 50mm / 2" increments)

Diameter (also available in 125mm/5")	Ø100mm, 150mm to 1,650mm (4", 5" to 65")
Length	80mm, 100mm to 1,500mm (3", 4" to 59 1/8")

NB: Some size restrictions apply for TR versions, larger diameters and connectors with rings.

COMPLIANCE:

Atex Compliant: IBExU tested. Can be used in certain dust explosion hazardous areas (restrictions apply). PTFE is compliant with FDA 21 CFR 177.1550, 178.3297.