

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.

VIBRATION	OSCILLATION	COMPRESSION	DUST TIGHT	FOOD SAFETY			ATEX



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)	kgf/25mm
	Weft 100)	
<i>(Test Standard: ASTM D5035)</i>		
Ultimate Elongation (%)	55	
<i>(Test Standard: ASTM D5035)</i>		
Air Permeability:		
	(cm ³ /cm ² sec@125Pa)	0.3
	(ft ³ /ft ² /min@0.5" wg)	0.5
AVAILABLE SIZES: <i>(in 50mm / 2" increments)</i>		
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 1/6")	
<i>NB: Some size restrictions apply for TR versions, larger diameters and connectors with rings.</i>		
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.		