

# Teflex NP Black

- Pure PTFE
- PTFE is capable of running at high temperatures, continuously operating at 300°C / 572°F with short term surges at 316°C / 600°F
- Also remains highly flexible down to -73°C (-99°F)
- Can be used on products across the full pH scale, i.e. caustic and acid products will not effect PTFE
- Designed to dissipate electrical charge
- Food Grade - compliant to FDA & EU regulations

**Note:** Teflex NP is not recommended for use on oscillating applications. For vibrating applications, please discuss with your local BFM® Distributor.

  VIBRATION	  OSCILLATION	  COMPRESSION	  100% DUST TIGHT	  FDA	  FOOD SAFETY	  IBEXU ATEX
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## PHYSICAL PROPERTIES

Fibre	Pure PTFE
Colour	Black
Construction/ Finish	Multilayer film
Weight	459 g/m <sup>2</sup> 13.5 oz/yd <sup>2</sup>
Thickness	0.23mm / 1/4"
Operating Temp Range	-73 to 300°C -99 to 572°F
Max. Surge Temp	316°C / 600°F
Surface Resistivity (Ohms)	10 <sup>6</sup>
Tensile Strength	263 N/50mm 30 lbs/inch
Tear Strength	97 N / 25lbs
Air Permeability	None

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

Diameter	Ø100mm - 500mm (also available in 125mm/5") (Ø4" - 20")
Length	880mm, 100mm - 1,000mm (3", 4" - 39 1/2")

(Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, or when TR versions used. Refer to 'Connector Sizes' for more information)

## COMPLIANCE:

Atex Compliant: IBExU tested. Can be used in all dust & gas explosion hazardous areas (restrictions apply).

Complies with the following regulations:  
FDA 21 CFR 177.1550, 175.105 & 178.3297,  
(EC) 1935/2004 & 10/2011,