

## TECHNICAL DATA SHEET

### NITRILE DIAPHRAGM MATERIAL (0.5MM THICK)

Polymer	<b>NBR</b>	
Colour	<b>Black</b>	
Specific Gravity	<b>1.30 g/cm<sup>3</sup></b>	ASTM D297
Hardness	<b>70° ± 5° Shore A</b>	ASTM D2240
Tensile Strength	<b>12 MPa (min)</b>	ASTM D412
Elongation @ break	<b>500 % (min)</b>	ASTM D412
Finished Characteristics	<b>Thickness</b>	0.5mm (±0.05mm)
	<b>Weight</b>	670 g/m <sup>2</sup>
	<b>Tensile Strength</b>	WEFT 1100N / 5cm
		WARP 1100N / 5cm
Temperature Range	<b>-40°C to +100°C</b>	
Reinforcement	<b>Material</b>	Nylon NY210 Grade
	<b>Weight</b>	110 g/m <sup>2</sup>
	<b>Thickness</b>	0.2mm (±0.01mm)
	<b>Cord Count</b>	26 x 20 per sq cm

