

# Technical Data Sheet

## NITRILE DIAPHRAGM MATERIAL (0.50MM THICK)

ELASTOMER CHARACTERISTICS	
<b>ELASTOMER</b>	NBR NITRILE RUBBER 618 GRADE
<b>COLOUR</b>	BLACK
<b>S.G.</b>	1.30 g/cm <sup>3</sup> (± 0.05)
<b>HARDNESS</b>	70° Shore A (± 5)
<b>TENSILE STRENGTH</b>	1300 N / cm <sup>2</sup>
<b>ELONGATION @ BREAK</b>	500%
FABRIC CHARACTERISTICS	
<b>MATERIAL</b>	100% NYLON NY210 GRADE
<b>WEIGHT</b>	110 g/m <sup>2</sup> (±5)
<b>THICKNESS</b>	0.20 mm (±0.01)
<b>CORD COUNT</b>	26 X 20 per sq. cm
COATED FABRIC CHARACTERISTICS	
<b>THICKNESS</b>	0.50mm (±0.05)
<b>WEIGHT</b>	670 g/m <sup>2</sup> (±10%)
<b>TENSILE STRENGTH</b>	1100 N/5cm WEFT
	1100 N/5cm WARP
<b>TEMPERATURE RANGE : -40°C TO +100°C</b>	
<b>NOTES</b>	
Suitable for LPG, Methane, Pentane, Propane, Aliphatic Hydrocarbons and Mineral Oils	