

Technical Data Sheet

NITRILE DIAPHRAGM MATERIAL (1.00MM THICK)

ELASTOMER CHARACTERISTICS	
ELASTOMER	NBR NITRILE RUBBER 618 GRADE
COLOUR	BLACK
S.G.	1.30 g/cm ³ (± 0.05)
HARDNESS	70° Shore A (± 5)
TENSILE STRENGTH	1300 N / cm ²
ELONGATION @ BREAK	500%
FABRIC CHARACTERISTICS	
MATERIAL	100% NYLON NY210 GRADE
WEIGHT	110 g/m ² (±5)
THICKNESS	0.20 mm (±0.01)
CORD COUNT	26 X 20 per sq. cm
COATED FABRIC CHARACTERISTICS	
THICKNESS	1.00mm (±0.1)
WEIGHT	1280 g/m ² (±10%)
TENSILE STRENGTH	1100 N/5cm WEFT
	1100 N/5cm WARP
TEMPERATURE RANGE : -40°C TO +100°C	
NOTES	
Suitable for LPG, Methane, Pentane, Propane, Aliphatic Hydrocarbons and Mineral Oils	