

Technical Data Sheet

NITRILE DIAPHRAGM MATERIAL (3.00MM 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 NY1680 GRADE
WEIGHT	335 g/m ² (±5)
THICKNESS	0.53 mm (±0.01)
CORD COUNT	9 X 9 per sq. cm
COATED FABRIC CHARACTERISTICS	
THICKNESS	3.00mm (±0.30)
WEIGHT	3600 g/m ² (±10%)
TENSILE STRENGTH	2700 N/5cm WEFT
	3600 N/5cm WARP
TEMPERATURE RANGE : -40°C TO +100°C	
NOTES	
Suitable for LPG, Methane, Pentane, Propane, Aliphatic Hydrocarbons and Mineral Oils	