

TECHNICAL DATA SHEET

NITRILE DIAPHRAGM MATERIAL (3.0MM THICK)

Polymer	NBR	
Colour	Black	
Specific Gravity	1.30 g/cm³	ASTM D297
Hardness	70° ± 5° Shore A	ASTM D2240
Tensile Strength	12 MPa (min)	ASTM D412
Elongation @ break	500 % (min)	ASTM D412
Finished Characteristics	Thickness	3.0mm (±0.30mm)
	Weight	3600 g/m ²
	Tensile Strength	WEFT 2700N / 5cm
		WARP 3600N / 5cm
Temperature Range	-40°C to +100°C	
Reinforcement	Material	Nylon NY1680 Grade
	Weight	335 g/m ²
	Thickness	0.53mm (±0.01mm)
	Cord Count	9 x 9 per sq cm

