

# MATERIAL DATA SHEET

## NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

**CODE: TX1B1N4050. Nylon fabric 210 coated NBR black. Thickness 0.50mm**

ELASTOMER CHARACTERISTICS		VALUE	TEST METHOD
Elastomer		NBR Nitrile Rubber	
Hardness		70°(+/-5) Shore A	
Colour		Black	
FABRIC CHARACTERISTICS			
Fabric		PA 210 (235dTEX)	
Weight		110 +/- 5 g/m <sup>2</sup>	
Thickness		0.20 +/- 0.01	
COATED FABRIC CHARACTERISTICS			
Thickness		0.50mm (+/-0.05)	UNI EN ISO 2286-3
Weight		620 g/m <sup>2</sup> (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: Weft:	≥ 1000 N/5cm ≥ 1000 N/5cm	UNI EN ISO 1421
Elongation at Break	Warp: Weft:	≥ 20% ≥ 20%	UNI EN ISO 1421
Adhesion		≥ 20 N/cm	
Temperature Range		-20°C to +100°C	

Suitable for LPG & CNG, mineral oils & water.

Issue 1

1 August 2016

*The above values are typical properties and are provided for information only. They should not be used to set specification Requirements. It is up to the end user to determine whether the material is suitable for the intended application.*



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