

MATERIAL DATA SHEET

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

CODE: TX1B1N4040. Nylon fabric 210 coated NBR black. Thickness 0.40mm		
ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD
Elastomer	NBR Nitrile Rubber	
Hardness	70° Shore A (+/- 5°)	
Colour	Black	
FABRIC CHARACTERISTICS		
Fabric	PA 210 (235dTEX)	
Weight	110 (+/-5) g/m ²	
Thickness	0.20 +/- 0.01	
COATED FABRIC CHARACTERISTICS		
Thickness	0.40mm (+/-0.04)	UNI EN ISO 2286-3
Weight	450 g/m ² (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: ≥ 1100 N/5cm Weft: ≥ 1100 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation at Break	Warp: ≥ 20% Weft: ≥ 20%	UNI EN ISO 1421 UNI EN ISO 1421
Temperature Range	-20°C to +100°C	

Suitable for LPG & CNG, mineral oils & water.

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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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