

MATERIAL DATA SHEET

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

CODE: TX1B1N4200. Nylon fabric coated Black NBR. Thickness 2.00mm

ELASTOMER CHARACTERISTICS		VALUE	TEST METHOD
Elastomer		NBR Nitrile Rubber	
Colour		Black	
Hardness		70° (+/-5) Shore A	
FABRIC CHARACTERISTICS			
Fabric		PA 235	
Weight		105 g/m ²	UNI 5114
No. of Threads		19 x 19 N°/cm	UNI EN 1049-2
COATED FABRIC CHARACTERISTICS			
Thickness		2.00mm (+/-0.20)	UNI EN ISO 2286-3
Weight		2500 g/m ² (+/-250)	UNI EN ISO 2286-2
Tensile Strength	Warp: Weft:	≥ 1100 N/5cm ≥ 1100 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation at Break	Warp: Weft:	≥15% ≥ 20%	UNI EN ISO 1421 UNI EN ISO 1421
Adhesion		≥ 50 N/cm	UNI ISO 36
Temperature Range		-30°C to +90°C	

Suitable for LPG, CNG, aliphatic and mineral oils, compressed air.

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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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