

MATERIAL DATA SHEET

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

CODE: TX1A1N4020. PA Fabric coated Black NBR. Thickness 0.20mm

ELASTOMER CHARACTERISTICS		VALUE	TEST METHOD
Elastomer		NBR Nitrile Rubber	
Hardness		55° Shore A	UNI EN ISO 7619
Colour		Black	
FABRIC CHARACTERISTICS			
Fabric		PA	
Weight		55 +/- 5 g/m ²	UNI 5114
No. of Threads		45 x 32 N°/ cm	
COATED FABRIC CHARACTERISTICS			
Thickness		0.20mm (+/-0.02)	UNI EN ISO 2286-3
Weight		280 g/m ² (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: Weft:	≥ 600 N/5cm ≥ 370 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation at Break	Warp: Weft:	20% 20%	UNI EN ISO 1421 UNI EN ISO 1421
Temperature Range		-20°C to +120°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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