

MATERIAL DATA SHEET

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

CODE: TX1B1N4030. Nylon fabric 210 coated NBR black. Thickness 0.30mm

ELASTOMER CHARACTERISTICS		VALUE	TEST METHOD
Elastomer		NBR Nitrile Rubber	
Hardness		70° Shore A (+/-5°)	
Colour		Black	
FABRIC CHARACTERISTICS			
Fabric		PA 210 (235dTex)	
Weight		110 g/m ² (+/-5)	
Thickness		0.20mm (+/-0.02)	
COATED FABRIC CHARACTERISTICS			
Thickness		0.30mm (+/-0.03)	UNI EN ISO 2286-3
Weight		350 g/m ² (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: Weft:	≥ 1000 N/5cm ≥ 1000 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
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.



J-FLEX

High Performance Elastomer Sheetings & Manufactured Components

Units 1 & 2, London Road Business Park, Retford,
Nottinghamshire, DN22 6HG, United Kingdom

tel: +44 (0) 1777 712 400 fax: +44 (0) 1777 712 409
www.j-flex.co.uk

