

# Product information

## NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

J-FLEX QUALITY NO: M20 (CODE: TX1A1N2020) x 0.2mm thick (+/-0.02)		
ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD
Elastomer	NBR Nitrile Rubber 613 Grade	
Gravity	1.15 g/cm <sup>3</sup> (+/-0.05)	UNI 4818-4
Hardness	55° Shore A	UNI EN ISO 868
Colour	Black	
FABRIC CHARACTERISTICS		
Fabric	100% Nylon 210 Grade	
Weight	60 g/m <sup>2</sup>	UNI 5114
Thickness	0.10mm	UNI EN ISO 5084
No. of Threads	45 x 30 / cm	UNI EN 1049-2
COATED FABRIC CHARACTERISTICS		
Thickness	0.20mm (+/-0.02)	UNI EN ISO 2286-3
Weight	230 g/m <sup>2</sup> (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: ≥ 600 N/5cm Weft: ≥ 500 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation at Break	Warp: 35% Weft: 35%	UNI EN ISO 1421 UNI EN ISO 1421
Temperature Range	-30°C to +90°C	

Suitable for LPG & CNG, Compressed Air, Methane, Pentane, Propane, Aliphatic Hydrocarbons. Mineral & Silicone Oils.

Some internal testing has been done on our materials and whilst no formal approval has been sought, our materials fully meet the requirements of BS:EN:549: 1995 "Rubber materials for seals and diaphragms for gas appliances and gas equipment".

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Check out the download area of our website  
[www.j-flex.co.uk](http://www.j-flex.co.uk) for other product information



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