

Product information

NBR NITRILE / NYLON DIAPHRAGM SHEET RUBBER

J-FLEX QUALITY NO: H25 (CODE: TX1E1N2250) x 2.50mm thick (+/-0.25)		
ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD
Elastomer	NBR Nitrile Rubber 618 Grade	
Gravity	1.30 g/cm ³ (+/-0.05)	UNI 4818-4
Hardness	70°(+/-5) Shore A	UNI EN ISO 868
Colour	Black	
FABRIC CHARACTERISTICS		
Fabric	100% Nylon 1680 Grade	
Weight	335(+/-5) g/m ²	UNI 5114
Thickness	0.53(+/-0.02)mm	UNI EN ISO 5084
COATED FABRIC CHARACTERISTICS		
Thickness	2.50mm (+/-0.25)	UNI EN ISO 2286-3
Weight	3000 g/m ² (+/-10%)	UNI EN ISO 2286-2
Tensile Strength	Warp: ≥ 3600 N/5cm Weft: ≥ 2700 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation at Break	Warp: ≥ 15% Weft: ≥ 15%	UNI EN ISO 1421 UNI EN ISO 1421
Adhesion	≥ 10 N/cm	UNI ISO 36
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 for other product information



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