Nitrile (NBR) / Nylon Diaphragm Sheet

Suitable for LPG, CNG, mineral oils, water

CODE: TX1B1N4150 Nylon Fabric 210 coated black NBR. Thickness 1.50mm		
ELASTOMER CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Elastomer	Nitrile Rubber (NBR)	
Hardness	70º (+/-5º) Shore 'A'	
Colour	Black	
FABRIC CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Fabric	PA 210 (235dTEX)	
Weight	110 (+/-5) g/m²	
Thickness	0.20 (+/-0.01)	
COATED FABRIC CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Thickness	1.50 (+0.00/-0.2)	UNI EN ISO 2286-3
Weight	1900 (+/-10%) g/m²	UNI EN ISO 2286-2
Tensile Strength - Warp Tensile Strength - Weft	≥ 1100 N/5cm ≥ 1100 N/5cm	UNI EN ISO 1421 UNI EN ISO 1421
Elongation @ Break - Warp Elongation @ Break - Weft	≥ 20% ≥ 20%	UNI EN ISO 1421 UNI EN ISO 1421
Adhesion	≥ 20 N/cm	
Temperature Range	-20°C to +100°C	

Dimensional Tolerances: are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

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