

Nitrile (NBR) / Nylon Diaphragm Sheet

Suitable for LPG, CNG, mineral oils, water

CODE: TX1B1N4050 Nylon Fabric 210 coated black NBR. Thickness 0.50mm		
ELASTOMER CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Elastomer	Nitrile Rubber (NBR)	
Hardness	70° (+/-5°) Shore 'A'	
Colour	Black	
FABRIC CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Fabric	PA 210 (235dTEX)	
Weight	105 (+/-5) g/m ²	
Thickness	0.20 (+/-0.01) mm	
COATED FABRIC CHARACTERISTICS	TYPICAL VALUES	TEST METHOD
Thickness	0.50 (+/- 0.05) mm	UNI EN ISO 2286-3
Weight	650 (+/- 10%) g/m ²	UNI EN ISO 2286-2
Tensile Strength - Warp Tensile Strength - Weft	≥ 1000 N/5cm ≥ 1000 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	-30°C to +90°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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