



0.4mm NITRILE/NYLON DIAPHRAGM RUBBER

MATERIAL SPECIFICATION SHEET

ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD
Elastomer	NBR Nitrile Rubber 613 Grade	
Gravity	1.15 g/cm ³ (+/-0.05)	UNI 4818-4
Hardness	55°(+/-5) Shore A	UNI EN ISO 868
Colour	Black	
FABRIC CHARACTERISTICS		
Fabric	100% Nylon 210 Grade	
Weight	110(+/-5) g/m ²	UNI 5114
Thickness	0.20(+/-0.02)mm	UNI EN ISO 5084
No. of Threads	26 x 20 / cm	UNI EN 1049-2
COATED FABRIC CHARACTERISTICS		
Thickness	0.40mm (+/-0.05)	UNI EN ISO 2286-3
Weight	460 g/m ² (+/-10%)	UNI EN ISO 2286-2
Tensile Strength Warp: Weft:	≥ 1100 N/5cm ≥ 1100 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	≥ 10 N/cm	UNI ISO 36
Temperature Range	-30°C to +90°C	



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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