

# MATERIAL DATA SHEET

## NEOPRENE (CR) / 2 PLY NYLON DIAPHRAGM SHEET RUBBER

CODE: TX5M4N4300. Nylon two layers fabric 840 coated Black CR x 3.00mm			
ELASTOMER CHARACTERISTICS	VALUE	TEST METHOD	
Elastomer	Neoprene Rubber (CR)		
Hardness	65°(+/-5) Shore A		
Colour	Black		
FABRIC CHARACTERISTICS			
Fabric	PA 840 (940dTEX)		
Weight	160(+/-5) g/m <sup>2</sup>	UNI 5114	
Thickness	0.25(+/-0.02)mm	UNI EN ISO 5084	
COATED FABRIC CHARACTERISTICS			
Thickness	3.00mm (+0.30/-0.10)	UNI EN ISO 2286-3	
Weight	4100 g/m <sup>2</sup> (+/-10%)	UNI EN ISO 2286-2	
Tensile Strength	Warp: Weft:	≥ 3000 N/5cm ≥ 3000 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	
Temperature Range		-30°C to +100°C	

Suitable for LPG, CNG, compressed air, mineral and siliconic oils, cooling.

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**J-FLEX**

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