

## 849 – Detectable Nitrile Sheet

**Document Number: HSE 7222**

**Date Of Issue: 03/04/23**

**Revision Number: 1**

**Date of Revision: 03/04/23**

M396 blue metal detectable nitrile rubber EU1935:2004

Polymer – Food grade NBR



Code	Description
849-1207	Detectable Nitrile 6"x6"x1mm
849-1208	Detectable Nitrile 6"x6"x1.5mm
849-1209	Detectable Nitrile 6"x6"x3mm
849-1210	Detectable Nitrile 6"x6"x5mm
849-1211	Detectable Nitrile 6"x6"x6mm
849-1212	Detectable Nitrile 12"x12"x1mm
849-1213	Detectable Nitrile 12"x12"x1.5mm
849-1214	Detectable Nitrile 12"x12"x3mm
849-1215	Detectable Nitrile 12"x12"x5mm
849-1216	Detectable Nitrile 12"x12"x6mm
849-1217	Detectable Nitrile 36"x1/2"x1mm
849-1218	Detectable Nitrile 36"x1/2"x1.5mm
849-1219	Detectable Nitrile 36"x1/2"x3mm
849-1220	Detectable Nitrile 36"x1/2"x5mm
849-1221	Detectable Nitrile 36"x1/2"x6mm
849-1222	Detectable Nitrile 36"x1"x1mm
849-1223	Detectable Nitrile 36"x1"x1.5mm
849-1224	Detectable Nitrile 36"x1"x3mm
849-1225	Detectable Nitrile 36"x1"x5mm
849-1226	Detectable Nitrile 36"x1"x6mm
849-1424	Detectable Nitrile 1.2m x 1.2m x 1.5m

Specifications	Values	Test Method
Accelerated ageing – change in elongation at break (72 hours @ 70°C)	-9%	ISO 37
Accelerated ageing – change in hardness (72 hours @ 70°C)	+3° Shore	ISO 868:1985
Accelerated ageing – change in tensile strength (72 hours @ 70°C)	-5 %	ISO 37
Compression Set (ISO815)	35 %	ISO 815
Elongation at break	550%	ISO 37
Highest recommended working temperature	100°C	None
Lowest recommended working temperature	-30°C	None
Magnetic pull	5.5mm	SEWI 700
Shore hardness (Shore A)	60 ° Shore	None
Specific Weight	1.5 g/cm <sup>3</sup>	None
Tensile strength	9 MPA	ISO 37

## Purposes



Food contact suitability



Metal detectable

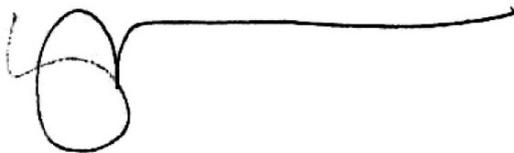


Nitrosamine free

## Important notes about this material data sheet

This data sheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that the test results for individual material batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This data sheet supersedes all previous data sheets and any other data previously provided either verbally, electronic or written, with reference to the above material grade.

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