

Data Sheet

0621 European EU1935:2004 60° Shore White Neoprene(CR) Rubber Sheet

Data Sheet Type	Final
Material Reference	0621
Polymer	CR Food Grade
Date Issued	16/07/24



Description

European Union Manufactured FoodSafe Neoprene/Chloroprene(CR) Rubber Sheeting conforming to all latest FoodSafe Specifications and Best Practice including EU1935:2004 2023/6 & FDA CFR Sub Part C 177.2600. Maclellan EU1935 Grades are Independently Certified Nitrosamine Free. Typically sold in Rolls that are 1.4 Metre Wide and 10 Metres Long for Thicknesses up to 8mm and 5 Metres Long for 8mm and above.

We supply this grade of Rubber Sheet in 1mm,1.5mm, 2mm,3mm,4mm, 5mm,6mm,8mm,10mm,12mm, 15mm & 25mm Thick.

Rubber Rolls will normally be Palletised and sent using a National Pallet Network.

Specifications	Values	Test Methods
Colour	White	None
Compression Set(22 Hours @ 70°C)	< 40 %	ASTM D395 Method B
Elongation at Break	> 350 %	ASTM D412
Heat Ageing - Change in Elongation @ Break	-40 % 72 Hrs @ 70 C	ASTM D412
Heat Ageing - Change in Hardness	+5 ° Shore 72 Hrs @ 70 C	ASTM D2240
Heat Ageing - Change in Tensile Strength	-15 % 72 Hrs @ 70 C	ASTM D412
Highest Recommended Working Temperature	100 °C	None
Lowest Recommended Working Temperature	30 °C	None
Nitrosamine Free	Yes	None
Shore Hardness (Shore A)	60 ° Shore	ASTM D2240

Specific Gravity	1.48 g/cm <sup>3</sup>	ASTM D2240
Tear Resistance	15 N/mm	ASTM D624 Die C
Tensile Strength	> 7 MPA	ASTM D412

## Purposes



Acid Resistance



Food Contact Suitability



Nitrosamine Free

### Important Notes about this Material Data Sheet

This datasheet 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 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.