

Data Sheet

0158 European Manufactured EU1935:2004 60° Shore Blue EPDM Rubber Sheet

Data Sheet Type	Final
Material Reference	0158
Polymer	EPDM Food Grade
Date Issued	20/05/24



Description

European Union Manufactured FoodSafe Grade Ethylene Propylene Diene Monomer(EPDM) Rubber Sheeting conforming to all latest Specifications and Best Practice including EU1935:2004 2023/26 & FDA CFR 177 Sub Part C 177.2600

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	Blue	None
Compression Set(22 Hours @ 70°C)	40 % Maximum	ASTM D395 Method B
Elongation at Break	350 % Minimum	ASTM D412
European Union Manufactured	Yes	None
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	115 °C Maximum	None
Lowest Recommended Working Temperature	-40 °C Minimum	None
Ozone Resistance	Crack Level Zero	ASTM D1149 Type A
Shore Hardness (Shore A)	60 ° Shore +/- 5°	ASTM D2240
Specific Gravity	1.27 g/cm 3 +/- 0.03	ASTM D2240
Standard Roll/Sheet Size	1400mm x 10 Metres Range	None

Tensile Strength

8 MPA Minimum

ASTM D412

Purposes


 Chemical
Resistant


Flame Retardent


 Food Contact
Suitability


Ozone Resistance



Water Resistant


 Weather
Resistance

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.