

Data Sheet

Rail45 Q854 Self Extinguishing Neoprene(CR) Rubber to BS EN45545-2(2013)

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| Data Sheet Type | Final |
| Material Reference | Q854 |
| Polymer | CR Flame Retardant |
| Date Issued | 01/06/26 |



Description

Rail45 Q854 is an European Union Manufactured Self Extinguishing Neoprene Rubber Sheet specifically designed to meet BS EN45545-2 2013, which is a specific standard for Materials used in all Railway Applications. This standard replaced EN45545-2 2009 and BS 6853:1999. 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 |
|---|------------------------------|---------------|
| Compression Set (ISO815) | 34.8 % | ISO 815 |
| Electrical Resistance | 1.6 10 ¹² Ohms cm | UNE 21-303-83 |
| Elongation at Break | 550 % | ASTM D412 |
| Highest Recommended Working Temperature | 100 °C | None |
| Lowest Recommended Working Temperature | -25 °C | None |
| Shore Hardness (Shore A) | 60 ° Shore | ASTM D2240 |
| Specific Gravity | 1.67 g/cm 3 | ASTM D2240 |
| Tear Strength | 27.3 KN/m | ISO 34 |
| Tensile Strength | 8 MPA | ASTM D412 |

Purposes



Anti-Static



Flame Retardant

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.