Data Sheet	Rail45 Q854 Self Extinguishing Neoprene(CR) Rubber to BS EN45545-2(2013)
Data Sheet Type	Final
Material Reference	Q854
Polymer	CR Flame Retardant
Date Issued	19/11/26

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 Retardent

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.