Logo

Data Sheet	Rail45 EPDM 60 Shore Rubber Sheet to EN45545-2
Data Sheet Type	Final
Material Reference	Rail45 EPDM 60
Polymer	EPDM Flame Retardant
Date Issued	01/06/26

Description

Rail 45 EPDM is a low smoke, low toxic rubber sheet that meets multiple Flame Resistance standards including EN45545-2, NF F16-101, UL94 V0, DIN 5510 and BS6853.

This premium grade material is European manufactured is batch tested for complete traceability and is certified Halogen and Nitrosamine Free.

Specifications	Values	Test Methods
Compression Set	16 %	ISO 815
Elongation at Break	400 %	ISO 37
Highest Recommended Working Temperature	100 °C	ISO 1431
Lowest Recommended Working Temperature	-40 °C	ISO 1431
Shore Hardness (Shore A)	60 ° Shore	None
Specific Gravity	1.51 g/cm 3	None
Tear Strength	5 N/mm	ISO 34
Tensile Strength	5 MPA	ISO 37
Volume Resistivity	1,5E+14 Ohms cm	IEC 60093

Purposes

Flame Retardent

Low Working Temperature

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.