

Rigips Climafit Tape



- Proven system safety



- Easy mounting



- Highly conductive with very good adhesion



- Tear-resistant

Climafit Tape is an earthing tape which is essential for the conduction of low-frequency electrical fields in one-layer Climafit board panelling on wooden substructures.

Climafit Tape comprises a pure, high-quality soft aluminium substrate and a similarly high-grade acrylate adhesive tailored to the specific requirements. This combination results in a metal adhesive tape with very specific properties and performance.

Climafit Tape combines the outstanding electrically conductive properties of aluminium with the easy handling and application of adhesive tapes.

The soft aluminium substrate is non-ageing, temperature-, solvent- and moisture-resistant with low water vapour permeability. It is also electrically and thermally conductive.

The acrylate adhesive is highly durable in indoor and outdoor use. It offers:

- Good initial adhesion and outstanding final adhesion
- Very good solvent and chemical resistance
- Very good UV and ageing resistance
- Temperature resistance up to +155°C

Installation should be realised in accordance with the Rigips processing guidelines.

The earthing connection may only be realized by a qualified electrician. A guide to creating a functional-equipotential bonding can be found at www.rigips.de.

Technical data				
Designation	Rigips Climafit Tape			
Weight	Weight	approx. 480	[g]	
	Weight per m	approx. 8.5	[g/m]	
Geometry	Dimensions	Substrate thickness	0.05	[mm]
		Tape thickness	0.09	[mm]
		Tape width	50	[mm]
		Usable run length	55	[m]
		Roll diameter	115	[mm]
Humidity	Water vapour diffusion	1.6 x 24 h	[g/m ²]	ASTM Test Method

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither imply any legally binding assurance of certain properties nor any suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.

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Strengths	Peel strength on steel	44	[N/100mm]	ASTM Test Method
	Breaking load	438	[N/100mm]	ASTM Test Method
	Breaking strain	5	[%]	ASTM Test Method
Heat	Temperature range	-55 to +155	[°C]	ASTM Test Method
Storage	Can be stored unused for up to 12 months after receipt by the customer in the original packaging at 50% rel. humidity and a storage temperature of approx. 20°C.			

The values given in this product data sheet solely describe the performance characteristics of the products. Rigips systems also have far-reaching structural-physical and static properties, which can be found in our system documentation (e.g. Planen und Bauen).

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