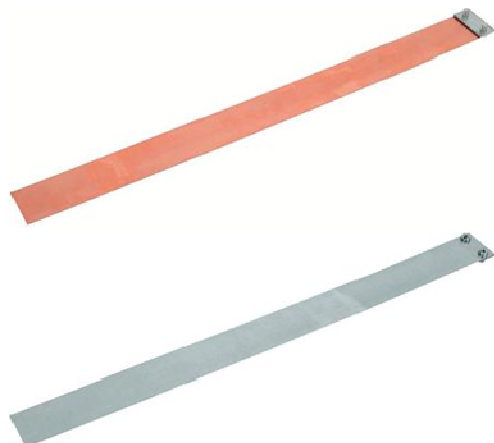


Rigips Climafit grounding strap



- Proven system safety



- Easy mounting



- Highly conductive



- Versatile

The Climafit grounding strap is an aluminium/copper (70/30) bimetallic plate. The Climafit grounding strap ensures a safe functional-equipotential bonding connection.

The two metals are inseparably welded together in a special process, making the Climafit grounding strap an aluminium and copper composite.

The Climafit grounding strap combines the advantages of aluminium alloys – low specific weight, good formability, etc. – with the benefits of copper such as corrosion resistance and special properties for electrotechnical applications.

The copper and aluminium sides of the Climafit grounding strap function chemically and physically in the same way as pure copper and aluminium. The Climafit grounding strap enables corrosion-resistant connections.

The Climafit grounding strap offers favourable electrical conductivity, with conductance values equivalent to those of pure copper at high-frequency currents.

To ensure a safe connection and to enable the earthing cable to be attached, 2 stainless steel M6 x 8 mm slotted screws are pre-mounted with two-screw cleats.

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 grounding strap			
Weight	Density	4.6	[g/cm ³]		
	Weight per item	approx. 100	[g]		
Geometry	Dimensions	Thickness	0.5	[mm]	
		Width	40	[mm]	
		Length	500	[mm]	
		Screw	M6 x 8	[mm]	
Electrical properties	Electrical conductivity	41.9	[m/(Ohm*mm ²)]		
	Specific resistance	0.0239	[Ohm*mm ² /m]		

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.

Rigips Climafit grounding strap

Strengths	Modulus of elasticity	81	[kN/mm ²]
	Tensile strength	130 - 180	[N/mm ²]
Heat	Thermal conductivity	265	[W/mK]

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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