

# mica tapes

## MicaRich 332.28-53

- ▶ Main wall insulation for Resin Rich Technology
- ▶ Good flexibility and conformability
- ▶ With strong woven glass backing
- ▶ High electrical properties

		Value	Test norm
Thickness	mm	0.14 ± 0.02	IEC 60371-2
Total weight	g/m <sup>2</sup>	234 ± 20	IEC 60371-2
Mica paper	g/m <sup>2</sup>	120 ± 7	IEC 60371-2
Glass fabric	g/m <sup>2</sup>	30 ± 2	IEC 60371-2
Resin content	g/m <sup>2</sup>	84 ± 11	IEC 60371-2
Volatile content	%	≤0.8	IEC 60371-2
Tensile strength	N/cm	≥150	IEC 60371-2
Stiffness	N/m	≤70	IEC 60371-2
Thermal class		F (155°C)	IEC 60085
Min. shelf life at 20°C	Month	3	
Min. shelf life at 5°C	Month	12	

### General description

MicaRich 332.28-53 is based upon a woven glass fabric, uncalcined mica paper and a thermosetting epoxy resin as binder.

### Application

MicaRich 332.28-53 is mainly used as main insulation for bars and coils of motors, hydro and turbo generators up to highest voltage levels.

### Form of delivery

MicaRich 332.28-53 is usually delivered as full width material or tapes.  
Our range of cores satisfies the needs of manual and mechanical processing.

### Main characteristics

MicaRich 332.28-53 is supplied dry and flexible to allow easy hand or machine taping. Uncalcined grades are generally softer and more compressible than calcined grades.

MicaRich 332.28-53 tapes should be applied with the glass backing to the outside and taped smoothly and evenly with a tension of approx. 30 N/cm. If stored at 5°C MicaRich 332.28-53 has to reach ambient temperature before application.

MicaRich 332.28-53 requires pressing and curing before optimum electrical properties are achieved.

Characteristics after curing on request.

### Health and safety

While processing MicaRich 332.28-53 we recommend to follow all hygiene and safety standards.

The product properties set forth in this data sheet are based on the results of testing of typical material produced by the affiliated companies of Von Roll Holding Ltd. (underneath referred as Von Roll). Some variation in product properties is typical. Comments or suggestions relating to any subject other than product properties are offered only to call the end-user's or other person's attention to considerations which may be relevant in the independent determination of the use and/or manner of use of product. Von Roll does not claim or warrant that the use of its product will have the results described in this data sheet or that the information provided is complete, accurate or useful. The user should test the product to determine its properties and its suitability for the intended use. Von Roll expressly disclaims any liability for any damage, harm, injury, cost or expense to any person resulting directly or indirectly from that person's reliance on any information contained in this data sheet. Nothing contained in this data sheet constitutes representation or warranty as to any matter whatsoever. Von Roll makes no warranties whatsoever in this data sheet, expressed or implied, including any implied warranty or fitness for a particular use or purpose. Von Roll shall in no event be liable for incidental, exemplary, punitive or consequential damages.

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