

# Mica products

## Rigidiso® RI 40523

**Material:** Rigidiso® RI 40523 is a muscovite-mica tube, a firm, insulating tube-material, which is manufactured by rolling of muscovite-mica-paper with siliconebinder.

**Application:** Rigidiso® RI 40523 is used for all types of electric motors and electrical devices.

properties	norm	unit	value
Binder content	IEC-371-2-	%	9
Mica content	IEC-371-2	%	91
Density	IEC-371-2	g/cm <sup>3</sup>	1.6
Temperature limit			
Long-term		°C	700
Short-term		°C	1000
Dielectric strength	IEC 243	KV/mm	>20
Dimensions	IEC-371-2		Various dimension available upon customer request
Thickness	IEC-371-2		Various dimension available upon customer request

**Trademark information:** Rigidiso® is a registered trademark of company Dr. Dietrich Müller GmbH, Germany.

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**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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Dr. Dietrich Müller GmbH