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Copper Tape

Copper tape is cut from cold-rolled copper and wound onto rings. The copper is annealed and degreased.

Attributes

Cu ≥ 99.90 % with a high or even very high electrical conductivity.

Application

The application of copper tapes provides advantages in distribution transformers and chokes for pulse voltage stimulated windings. Additionally, a respective design also ensures simple production processes and enables very high mechanical winding strengths. Furthermore, they can be used as an earthing tape.

Standards

- DIN EN 13599

Delivery forms

Inner core diameter / mm:

76, 152, 300, 400, 500

Thickness: from 0.035 to 0.200 mm; further thicknesses on request.

Depending on thickness available widths from 6 mm to 330 mm. Other widths on request.

Cut and burr edges < 0.300 mm thickness.

Re-rolled, rounded or burr edges ≥ 0.300 mm thickness.

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
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Mechanical	Unit of measure	Values	Hardness HV
Tensile strength	N/mm²	200-260	40-60

Electrical	Unit of measure	Value
Electric conductivity	m/Ωmm²	≥57

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