SynFlex Elektro GmbH
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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.

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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