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## Copper Tape

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

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## Attributes

Cu  $\geq$  99.90 % with a high or even very high electrical conductivity.

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## 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.

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## Standards

- DIN EN 13599
- RoHS 2011/65/EU
- RoHS (EU) 2015/863

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## 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  $\geq$  0.300 mm thickness.

| Mechanical       | Unit of measure   | Values  | Hardness HV |
|------------------|-------------------|---------|-------------|
| Tensile strength | N/mm <sup>2</sup> | 200-260 | 40-60       |

| Electrical            | Unit of measure    | Value |
|-----------------------|--------------------|-------|
| Electric conductivity | m/Ωmm <sup>2</sup> | ≥57   |

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