

# RUPALIT® Profile

## RUPALIT® Plus Profile

Product datasheet

# PACK

## LitzWire

family owned  
since 1933

RUPALIT® Profile HF litz wires optimally utilize the winding space of your component. This increases the copper fill factor while keeping the component volume the same.



A particularly significant improvement in the copper fill factor can be achieved with large litz-wire cross-sections.

### Advantages

- Improved copper fill factor
- Reduction in the number of layers
- Coreless winding with bonding varnish/acetate silk
- Also available as RUPALIT® Safety
- Rectangular or square

### Technical data

#### Construction

- Enamelled copper wires (0.02–0.80 mm, 20–52 AWG)
- Conductor cross-sections according to DIN or customer specification

### Insulation material

#### as electrical and mechanical protection

##### Yarn

- Natural silk (52) – natural yarn for applications requiring maximum flexibility and high quality
- Polyamide (63, PA6.6, Nylon®) – robust textile yarn with high mechanical resistance
- Other materials on request: glass silk, artificial silk

##### Foil

- PET (polyethylene terephthalate, polyester, Mylar®) – foil as a classic insulation material with excellent dielectric strength
- PEN (polyethylene naphthalate, Teonex®) – foil for high-temperature applications
- PI (polyimide, Kapton®) – foil for extreme thermal requirements
- Other materials on request



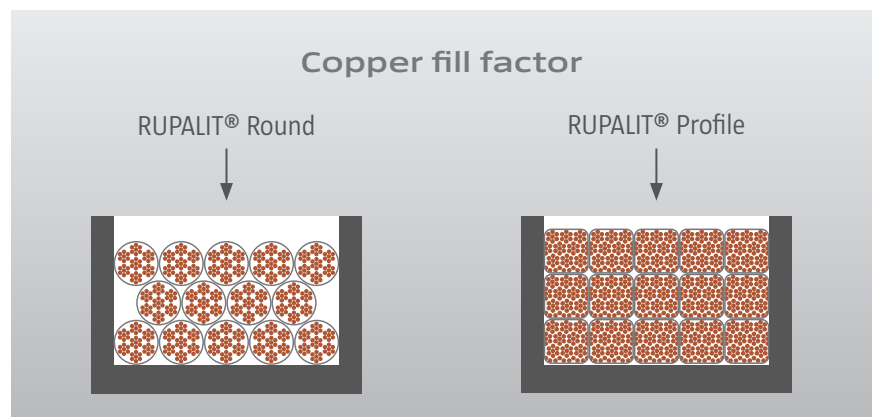
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### Applications

- High-frequency transformers
- High-frequency transformers/transducers
- Electronic ballasts



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