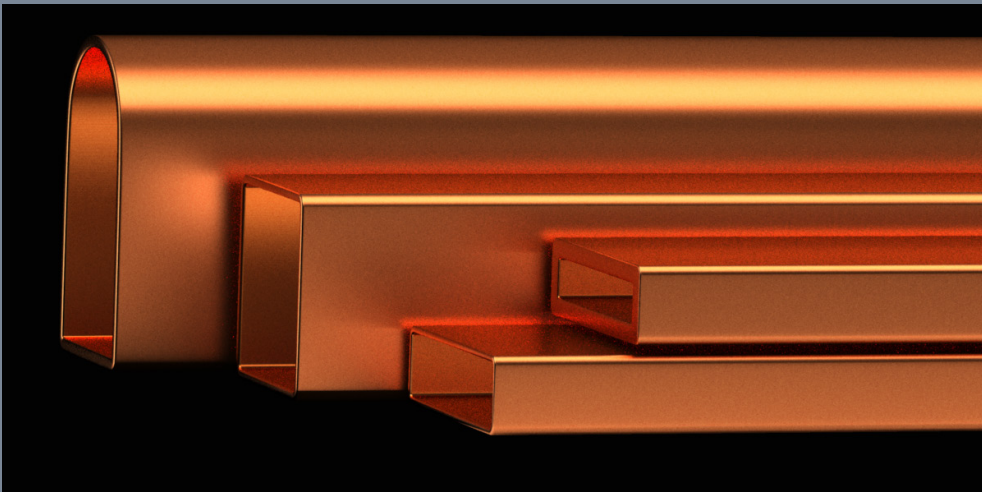


NEW PRODUCT

HOLLOW CONDUCTORS

Cupori broadens its product range with hollow conductors. We offer various alloys and profile shapes according to customer requirements. For instance Cupori 481 Hollow Conductor Cu-OF are produced from oxygen-free copper according to standard EN 13600 for applications requiring high thermal and electrical conductivity.



CUPORI[®]

CUPORI 481 HOLLOW CONDUCTOR CU-OF

Cupori Oy, Kuparitie, P.O.Box 60
FI-28101 Pori, Tel. +358 2 511 4111
Fax +358 2 511 4001

cupori.com

PRODUCT FACTS

- manufactured from copper alloys of high conductivity e.g. from oxygen-free copper (Cu-OF) according to standard EN 13600 and according to customer specifications
- meets quality, fine tolerance and surface requirements
- delivery forms: straight lengths up to 12 meters or level wound coils up to 360 kg

ADVANTAGES

- high electrical and thermal conductivity
- good mechanical properties
- good workability
- corrosion resistant
- seamless copper profile tube of uniform Nordic quality
- 100 % recyclable

PHYSICAL PROPERTIES OF CU-OF

Density	8,94 kg/dm ³
Melting point	1 083 °C
Coefficient of thermal expansion 25-300 °C	1,7 x 10 ⁻⁶ /K
Specific heat (thermal capacity)	385 J/kg K
Thermal conductivity	395 W/mK
Electrical conductivity	min. 100 % IACS

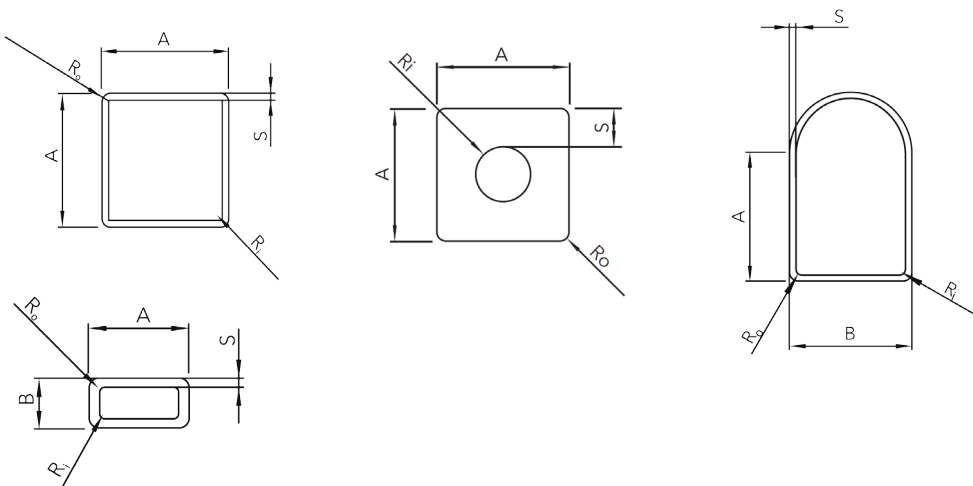
Other alloys also available.

APPLICATION AREAS

- motors and large capacity generators
- induction coils
- magnets
- other applications with high current density and/or a need to internally cool the conductor

PRODUCT RANGE

Hollow conductors are produced in various profile shapes. Please find below some examples.



When you have specific requirements on alloys, dimensions, mechanical properties or delivery forms, our sales team, together with our technical support will help you find the optimal solution.

PACKAGING

According to customer specifications.

CUPORI®