



Product Portfolio

Reliability for Demanding Markets



INDUSTRIAL
APPLICATIONS

Reliability for Demanding Markets

The Industrial Applications business unit develops and sells copper and copper alloy products that are specially designed for industrial applications.

Our portfolio includes extruded and drawn rods, profiles and tubes that are ideal for welding and cutting technology as well as for energy transmission and medical technology, for example. We also produce high-quality copper powder that meets the highest quality standards for additive manufacturing. Another focus is on our »Special Parts« product range, which stands for precision and quality.

We offer high-precision, finished components that are specially developed for demanding applications in aerospace, the automotive industry, welding and cutting technology, energy transmission and many other key industries. These components are particularly impressive due to their mechanical strength, electrical conductivity and corrosion resistance.

Our decades of experience make us a reliable partner for numerous industries.

If you are interested in our products, please do not hesitate to contact us. We are happy to help and are available to advise you.

ADDITIVE MANUFACTURING

Copper Powder

Our high-purity copper powder is available in a wide range of particle size distributions, which we produce exactly to customer specifications. Whether for screen printing, metal injection moulding, binder jetting, cold gas spraying or other applications, we deliver tailor-made solutions from 0–15µm, 15–63µm, 20–50µm or even 60–150µm.

Materials and Alloys*

- CuCr1Zr
- Cu-ETP (Purity > 99.95% possible)

* Many other alloys available.



SPECIAL PARTS

Copper Tubes

cunova manufactures seamless copper tubes for high-current and high-voltage technology as well as many other applications – in the highest quality, precisely tailored to your requirements. With a wide range of dimensions, materials and finishes, we offer tailor-made solutions for your projects.

Alloys

- Cu-ETP
- Cu-HCP
- Cu-OFE
- Cu-DHP



Customised Components

We manufacture precision-machined parts according to your specifications – from 0.5 to 10,000 kg, in any shape and size, exactly to your drawings.

Our experienced experts are at your side to work with you to develop the technically and economically optimal solution for your design ideas.



Overview of Some Products

- rings, flanges, discs, cylinders
- tube systems
- conductor bolts, conductor tubes
- connection and joining parts
- contact jaws
- bushings
- profiles
- circular blanks
- rods, bolts
- target plates
- cooling trays
- plates (machined)
- switch cables
- combustion chambers

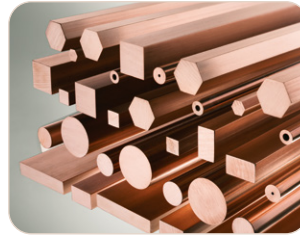


PRESSED & DRAWN

Semifinished Products

cunova is one of the world's leading producers of copper alloy rods and copper profiles.

We manufacture a wide range of solid and hollow profiles, which we design in close consultation with our customers to meet the specific requirements of their applications.



ELBRODUR® B, ELBRODUR® HF/N, ELBRODUR® D, ELBRODUR® L, OSNA®-CU 58, PROCU® Copper, Flat Bars, Square Bars, Round Bars, Copper Profiles

Material	Alloys	Excerpt of available products*
ELBRODUR® B	CuCo2Be	
ELBRODUR® HF/N (Round bars also available in bending quality)	CuCr1Zr	
ELBRODUR® D + ELBRODUR® L	CuNi2,5SiCr CuAg0,1P	
OSNA®-CU 58	CuTeP CuSP	
PROCU®	Cu-ETP Cu-HCP Cu-OFE Cu-DHP	

* Further products available on request. Round bars also available in coils.

Hollow Profiles, Wedges

Our copper hollow profiles meet the highest requirements in applications such as MRI scanners, induction coils, generators and electromobility.

We offer a wide range of dimensions and shapes – as bar or coil material – in top quality and various material designs.

Alloys

Cu-ETP

Cu-HCP

Cu-OFE

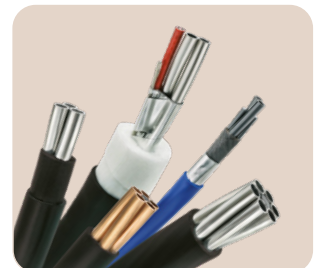
Cu-DHP



TUBE BUNDLE

OSNALINE®-Tubes and Tube Bundles

cunova offers prefabricated tube systems consisting of one or more tubes in an extruded outer jacket. Each bundle can contain up to 19 components made of different materials and in different dimensions and can be supplied as a standard product or custom-made to order.



OSNALINE® products are used in particular in process measurement, control and analysis systems and are primarily used in the shipbuilding and oil & gas sectors, as well as in the chemical and petrochemical industries.



**For Further Information and Details About
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Our Product Brochures:**



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