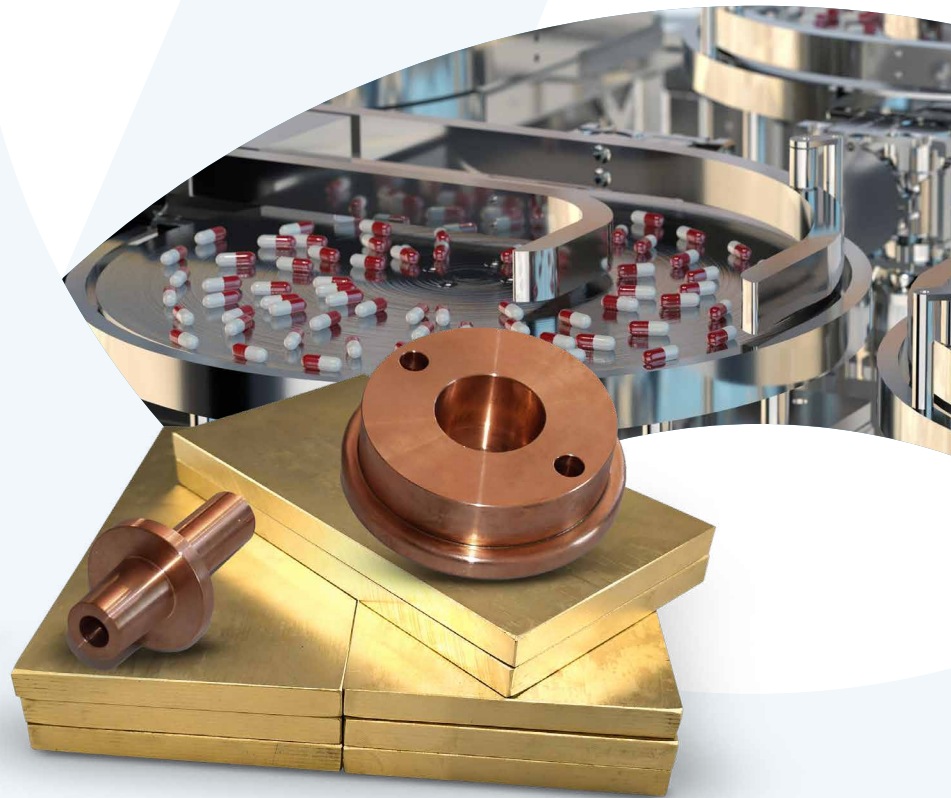


INDUSTRIES

Copper alloys for the Food technology and Packaging industry

Certified materials – corrosion-resistant
and wear resistant



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albromet

Join us in metals



Ihre Vorteile

- Tested and certified for use in the food processing sector
- Safe in direct contact with dry, moist and fatty foods with a pH value >4.5
- Significantly higher thermal conductivity than stainless steel
- Excellent sliding properties, high strength and outstanding emergency running properties
- Hardly any material adhesion due to good polishability of the copper alloys
- Minimization of the risk of production downtime due to long service life



Copper alloys for the food technology and packaging industry

Certified materials – corrosion resistant and wear resistant

Tailored to the specific requirements of the food processing and packaging industry, Albromet offers high-quality aluminum bronzes and copper alloys. The mechanical and chemical properties of these alloys are in the range of many stainless steels or even exceed them. In addition, the material is non-magnetic/magnetizable, has very low abrasion and is highly thermally conductive and temperature-resistant.



Examples of components in machines the food technology and packaging industry

- Sealing head and sealing plate
- Guides and guide bushes
- Gear and worm wheels
- Slide plates and slide bearings
- Counter blades for stainless steel knives
- Scraper elements and sliding elements
- Dies and ejectors

Certified for use in the food sector

Certifications for use in the food sector in accordance with Regulation EU1935/2004 have been issued by an independent testing institute. This means that components made from the certified ALBROMET alloys listed below can come into direct contact with food. The aluminum bronzes and copper alloys from ALBROMET are RoHS and REACH compliant. Beryllium-free copper alloys with very good strength values are also available in the product range.

ALBROMET alloy	Thermal conductivity in W/m*K (bei 20°C)	Electrical conductivity in m/Ohm*mm ²	Hardness HB30	Tensile strength Rm in N/mm ²	Certified for use in the food sector
ALBROMET-A200	60	7.5	190-210	630-700	Yes
ALBROMET-A260Ni	40	4	220-260	800	Yes
ALBROMET-W200	200	22	190-220	600	Yes
Sliding bush Health Glide			190-210		Yes





ALBROMET Service

- o Modern sawing center
- o Precisely fitting cuts
- o Large material warehouse
- o Many years of experience
- o Product and development work

Since 1994, ALBROMET has specialized in the distribution of precisely blanks and finished parts made of aluminium bronzes and low-alloyed copper alloys as well as the design and manufacture of tube bending tools. Take advantage of our wealth of experience and let us advise you personally!



Get in touch with us!

We will advise you competently and personally.

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