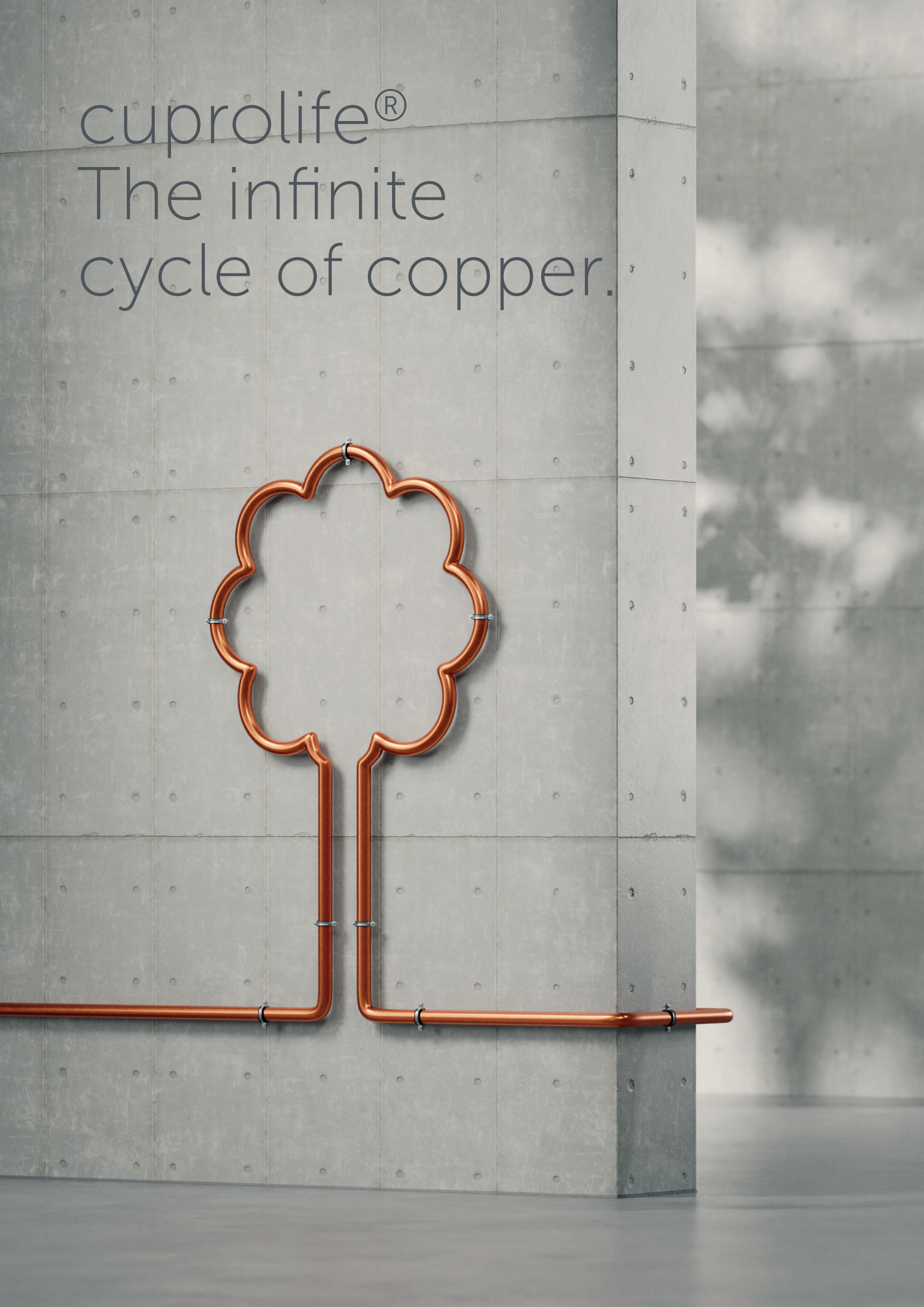
wieland

cuprolife®

The 100 % recycled copper plumbing tube.

cuprolife®
The infinite cycle of copper.



For a more sustainable future in construction.

With its 100 % share of recycled material, the cuprolife copper tube makes a sustainable difference, and thus makes a significant contribution to the advancement of building and construction as well as building services. In the future, unnecessary consumption of resources can be avoided and buildings rendered usable for many generations. The upshot: generally more sustainable and more circular building as far as the plumbing tubes are concerned. Incidentally, the 100 % recycled content* has not only been verified by TÜV SÜD, but is also continuously ensured in Wieland's production processes.

Recycling loop – 100 % recycled content.

Copper is unlimited – and it is also 100 % recyclable, making it a unique material for ecologically sustainable developments. The fact that the quality of copper is maintained at every stage is a decisive factor. Almost half of today's copper demand in Europe is meanwhile met using recycled material. Sustainability – directly linked to the closure of material loops – is integral to the Wieland Group's core business. Wieland is already in a position to offer well over 90 % recycled content in many semi-finished products, depending on the material. In some cases, even 100 % is nowadays a reality. One prime example here is cuprolife.

*Mass balance approach, based on ISO 14021, verified by TÜV SÜD.

cuprolife®. Why settle for less when you can have 100 %?

100 %

100 % recycled content.

cuprolife consists of 100 % recycled copper.*

100 % quality.

cuprolife ensures the highest quality standards because copper is infinitely recyclable without any adverse effects on quality.

100 % clean drinking water.

cuprolife guarantees a particularly high level of purity and the highest drinking water quality.

100 % sustainable action.

cuprolife enables more environmental protection in the building and construction industry, and makes a relevant contribution to sustainability.

*Mass balance approach, based on ISO 14021, verified by TÜV SÜD.

100 % – A new milestone for Wieland.

The new standard in copper tubes: cuprolife®.

Thanks to cutting-edge manufacturing techniques, cuprolife tubes exceed even the highest requirements. Optimal efficiency and reliability are guaranteed along with an exceptional service life. cuprolife tubes are universally usable. cuprolife is permanently in stock and can be supplied in any size from 6 x 1 mm to 159 x 3 mm.

Fields of application

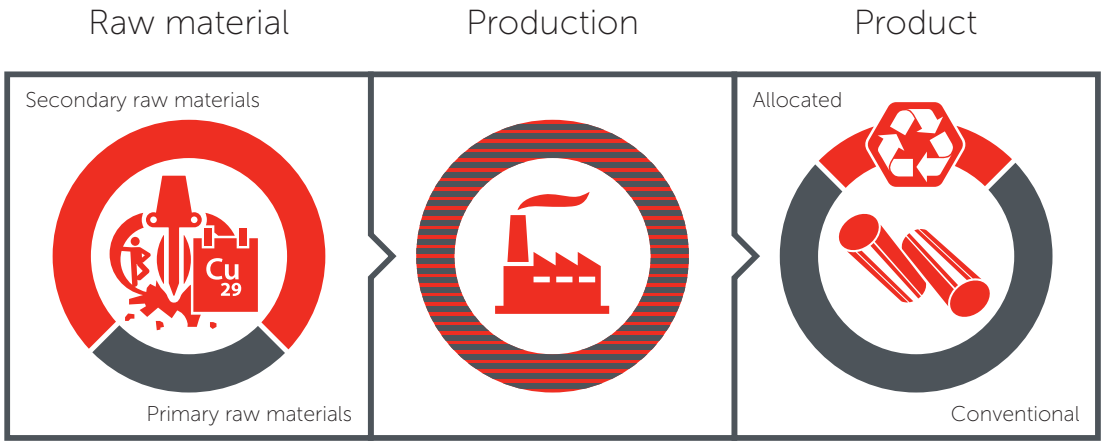
- Domestic hot and cold water supply
- Heating
- Gas
- Liquid gas
- Heating oil / biofuel oil B10
- Solar systems
- Rainwater
- Industrial compressed air
- Sprinkler systems
- Firefighting systems

Technical features

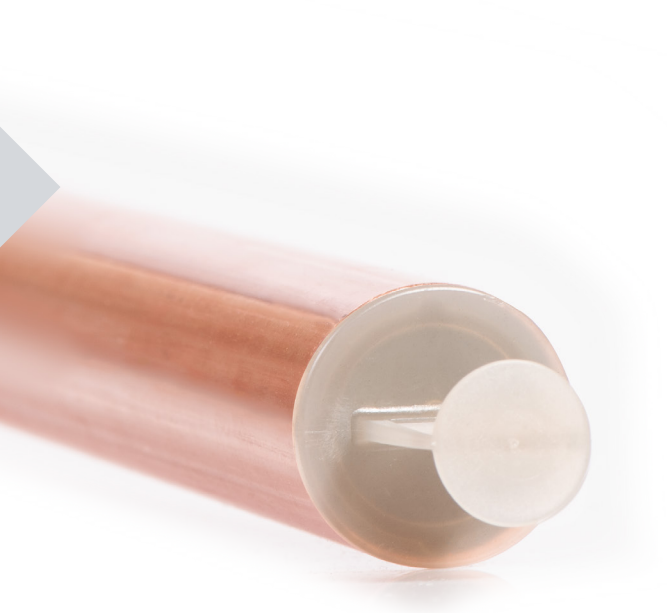
- 100 % recycled copper*
- Design according to EN 1057, quality assured
- Made of pure copper Cu-DHP
- With quality mark and DVGW certification: DV-7204AU2106 (6 to 159 mm outside diameter)
- Universal use in a range of finely differentiated dimensions
- Optimum availability and compatibility with a wide range of fittings
- Maximum operating temperature at 10 bar operating pressure: 250 °C (applies to dimensions up to DN 150)
- Fire resistance: EN 13501-1 – A1 (nonflammable)
- Dimensions according to DVGW GW 392 (6 to 159 mm) with closed tube ends
- For optimal drinking water hygiene

100 % recycled content – 100 % verified by TÜV SÜD.

As the starting point when verifying cuprolife, TÜV SÜD tested the procedure for calculating the 100 % recycled content*.



Wieland uses both primary and secondary raw materials when processing copper. The secondary raw materials are mainly scrap from the recycling loop. The decision to use raw materials that have already been an integral part of the cycle means this process will require fewer ores to be mined in the future. From the manufacturing viewpoint, raw materials of different origins are proportionately contained in the end product.



Best prospects: For your carbon footprint and for nature.

Every cuprolife tube from Wieland is manufactured in keeping with the mass balance approach – using a process with 100 % recycled copper. By purchasing a verified product such as cuprolife, you are helping to ensure that the proportion of primary materials decreases in the long term and that the amount of secondary materials, for example from scrap, increases accordingly.

*Mass balance approach, based on ISO 14021, verified by TÜV SÜD.

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