

*ISH, Frankfurt, 11. to 15. March 2019, Hall 5.0, Booth C30*

## Wieland-Werke at ISH 2019: Copper tubes and finned tubes for the supply of drinking water, heat and cooling in building services and industrial applications

- cuprotherm surface heating: Thin-film system "ekoLight"
- New cuprofrioTwin tubes: insulated copper twin tube
- Drinking water materials and tube products according to UBA hygiene list
- K65 High-pressure tube system
- Wicoatec coating for corrosion protection and anti-scaling
- GEWA-D finned tubes for drinking water and buffer tanks as well as for gas condensing technology
- Double-walled GEWA-safe tubes for heat recovery
- Optimized WRKS heat exchangers enable refrigerant reduction and highest COP values in hot water heat pumps

**Wieland-Werke AG is presenting its comprehensive portfolio of copper and copper alloy tube products and materials for building services and industry at ISH in Frankfurt. Once again, the safe, hygienic and energy-efficient supply of water for heating, cooling and domestic use is the focus of the trade fair.**

A highlight in the field of **building technology** is the thin-film surface heating system **cuprotherm "ekoLight"**: with 30 kg/m<sup>2</sup> including load distribution layer, the innovative floor construction impresses with its particularly low weight. Another product highlight is the **K65 tube system for air-conditioning/refrigeration high-pressure applications**. Based on the copper alloy K65 with high mechanical strength, the system of K65 tubes and K65 solder fittings is suitable for applications with operating pressures up to 130 bar. It is therefore predestined

## Press Release

for use as a high-pressure line system for CO<sub>2</sub> as an environmentally friendly refrigerant. **Twin copper tubes**, a pre-insulated twin tube system, are also new in Wieland-Werke's building services portfolio. In the field of **drinking water supply**, Wieland presents the entire **SANCO and WICU copper tube range**. Led by the lead-free premium alloy **CUPHIN**, Wieland will also be exhibiting an extensive range of drinking water materials, all of which are on the UBA hygiene list.

For "**Thermal Solutions**", Wieland presents its portfolio of finned tubes, safety tubes and heat exchangers. A special focus of Wieland Thermal Solutions is the **reduction of refrigerant loads** and the development of components for **natural and new synthetic refrigerants**.

The **WRKS heat exchangers for hot water heat pumps** have a compact design and enable a high COP value with simultaneous extreme refrigerant reduction and protection against contamination. The latter is also guaranteed by the double-walled **GEWA-safe tubes for heat recovery**. For cost-effective and energy-efficient heating of water and solar feed-in, Wieland will be showing finned tubes of the **GEWA-D brand made of steel for buffer tanks** and made of **stainless steel for gas condensing boiler** technology for the first time.

The presentation of Wieland-Werke AG will be rounded off by the **Wicoatec** brand, a **special coating for surface protection** and anti-scaling. The technology is based on a CVD process that enables thin but effective glassy coatings to be deposited on complex surfaces as well as in components such as tubes and heat exchangers.

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### Picture material

1. **cuprotherm ekoLight** - Low construction height and low weight with high load capacity



2. **Twin Copper tubes** – Pre-insulated double tube system



3. **GEWA-D Finned tubes** - Made of carbon and stainless steel for buffer tanks and condensing boiler technology



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4. **WRKS-heat exchanger** - Highest efficiency and refrigerant reduction in hot water heat pumps



5. **WICOATEC** – Wicoatec: A coating for complex interior and exterior surfaces as corrosion protection or to prevent deposits.



6. **Cuphin** - Alloys for sanitary fittings according to the UBA Hygiene list



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## About Wieland

Wieland is one of the world's leading suppliers of semi-finished copper and copper alloy products. With a global network of production sites, service and trading companies, the company offers a broad product, technology and service portfolio. From prototype to series production, Wieland develops solutions for automotive, electronics, refrigeration, air conditioning and other industries. Wieland uses high-performance copper materials to drive the success of its B2B customers in future-oriented fields such as electromobility, connectivity and urbanisation. High technical competence, customer-oriented thinking and sustainability determine their actions and have been the basis of the company's success since 1820.

## Wieland in brief

### Headquarter

Graf-Arco-Straße 36 | 89079 Ulm | Germany

### Facts

\*1820 in Ulm, Germany | Sales: approx. 530 kt | Turnover: approx. 3,4 bn. €  
| Employees approx. 7.000

FY 2017/18

### Executive Board

Dr. Erwin Mayr, CEO | Werner T. Traa, CMO | Ulrich Altstetter, CTO | Dr. Jörg Nübling, CFO

### Chairman of the Supervisory Board

Fritz-Jürgen Heckmann

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