



“Extended lifetime performance  
of up to 50%.”

# GLOBAR® HD MAX – MORE ROBUST PERFORMANCE IN THE TOUGHEST CONDITIONS

**Our Globar® HD Max silicon carbide (SiC) heating element has been specially developed to enable customers with high-tech applications or tough conditions to upgrade to extend product lifetime, and to increase reliability and quality.**

Kanthal is the world's leading manufacturer of silicon carbide (SiC) heating elements. Globar® HD Max forms part of the Globar® family of state-of-the-art SiC products, each of which has been developed for use in specific atmospheres and conditions.

Globar® HD Max has been specially developed to enable customers currently using standard products for high-tech applications or in particularly challenging conditions to upgrade for an extended product lifetime, increased reliability and more consistent heating profile, resulting in enhanced product quality for our customers.

Globar® HD Max also has a wide resistance range, which makes it interchangeable with existing, conventional elements, allowing customers to easily upgrade and benefit from its many advantages.

### THICKER WALL ADDS MANY BENEFITS

Globalbar® HD Max features a thicker wall, resulting in a more robust product with greater corrosion resistance, reduced risk of mechanical breakage and enhanced performance. As a result, the product delivers an extended lifetime performance of up to 50% combined with enhanced product quality and reduced manufacturing costs for the customer.

### GLOBALBAR® HD MAX ADVANTAGES

- Top-of-the-range product for use in the toughest conditions
- Thicker wall delivers a more reliable, stronger and longer-lasting product
- Extended product lifetime: robust design leads to better corrosion resistance, reduced risk of mechanical breakage and enhanced performance

- Suitable for the most high-tech applications and challenging conditions
- Specially designed for use in the demanding electronics segment and high-temperature glass applications
- Enhanced productivity, longer life and less maintenance results in overall reduced manufacturing costs
- Increased process stability
- Improved OEE (overall equipment effectiveness)
- Interchangeable with conventional elements due to wide resistance range
- Helps towards your long-term energy reduction and sustainability targets





## **INSTALLATION**

Installation and technical support are provided by our experts throughout our global organization. The product allows customers to upgrade the performance of their furnaces without having to change electrical power supplies. Global® HD Max can be installed in any existing application, allowing customers to benefit immediately from enhanced performance.

### **10 KEY REASONS FOR CHOOSING CHOOSING GLOBAL® HD MAX**

- Very robust
- Improved corrosion resistance
- Reduced risk of breakage
- Longer lifetime
- Reduced manufacturing costs
- Less maintenance and minimal downtime
- Improved product quality
- Increased productivity
- Enhanced process stability and OEE (overall equipment effectiveness)
- Helps towards your long-term energy reduction and sustainability targets