

CERAMICS FOR WIRE GALVANIZING

CRYSTON® MAX
IMMERSION TUBES

SAVE COSTS & ENERGY FOR A SUSTAINABLE FUTURE

At Saint-Gobain, our commitment to sustainability enables us to develop innovative, cost effective solutions that meet the challenge of protecting the environment.

From immersion tubes which deliver industry-leading performance, to unique anti-wear components, Saint-Gobain produces innovative ceramics for the most critical areas of the galvanizing line.

BENEFITS



Less CO₂ emissions



Powerful heating +
energy-saving technology



Easy & fast installation



Longer lifetime

PERFORMANCE CERAMICS & REFRACTORIES

SAINT-GOBAIN

Saint-Gobain Performance Ceramics & Refractories offers a unique solution for Wire Galvanizing Lines. Heater tubes in non-ferrous metal hot-dip baths, for instance, are routinely fabricated using silicon carbide due to the ceramic's exceptional thermodynamic stability and chemical integrity. Cryston® Max immersion heaters are engineered for greater lifetime expectancies, reducing ongoing maintenance requirements to ultimately increase production output.

IMMERSION TUBE



The silicon carbide immersion tubes offer higher productivity at lower energy consumption.

Cryston® Max

- Durable design to protect against drossing fracture and thermal shock
- Sustained performance over long service life
- Higher efficiency

N-Durance®

- Maximum heating power
- Thinner design*
- Highest efficiency



Our products are available for both applications:
Electric & Gas firing

*Compared to Cryston® Max immersion tubes.

FLAME DIFFUSER

The „twisted tape“ design of the SpyroCor® flame diffuser insert provides improved convective heat transfer.

SpyroCor®

- Advanced silicon carbide microstructures provide high thermal conductivity and shock resistance
- Long service life
- High radiant output



WIRE GUIDE / SINKER STONE

Our wire guides and sinker stones supplement high-performance ceramic heaters to increase throughput and ensure greater productivity over time.

Cryston® Max • Cast Refrax®

- Longlasting due to exceptional wear resistance
- Custom-made designs

Leverage Our Expertise.

Saint-Gobain Performance Ceramics & Refractories engineers and researchers collaborate with you, our customers, to solve operational challenges with customized ceramic solutions for wire galvanizing.



SCAN to connect

and discover more
about our zinc solutions

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