



DEGASSING LANCES

MATERIAL

- Monolithic Refractory

APPLICATION

- Stationary degassing in molten aluminum by means of porous media technology

USES

- At the transition from melt furnace to dip well
- Crucible furnaces
- Launder/trough sections
- Customized point of need degassing

PROPERTIES

- Excellent resistance to thermal shock
- Non-wetting to molten aluminum
- High resistance to chemical attack and oxide buildup
- Low occurrence of blinding due to metal penetration
- Very fine pore structure
- Completely ceramic design

ADVANTAGES

Typical life is greater than 3 weeks.

Can be left without gas flow in molten aluminum and restarted.

Can be removed from melt and reinserted.

With Christy's Cam-Loc fitting design, a completely ceramic system is achieved.

Reduce the occurrences of premature clogging.

The lance shape can be customized to almost any configuration.

Greatly reduce blinding of the porous degassing region.

Excellent resistance to thermal shock.

Placing the degassing system at the point of need in the metal handling process allows for more efficient degassing.

The porous degassing region of the lance incorporates advances in degassing technology.

Minimal buildup of aluminum and dross.

Chemically and mechanically durable to limit the erosion and abrasion consistent with use in aggressive aluminum alloys.