

BRAZETEC Dosing Amalgams



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BRAZETEC dosing amalgams or solid mercury preforms are mainly used in the manufacturing process of UV-lamps. Available delivery forms of the BRAZETEC amalgams are wires and slugs.

Applications

- UV lamps
- Induction lamps

Standard compositions

Material selection is mainly triggered by the optimum mercury vapor pressure and by the maximum mercury content. The delivery form shall accommodate the preferred singulation or dosing process available or used to manufacture the targeted lamp. These preforms are made available in high purity.

The BRAZETEC product portfolio includes, for example, the following amalgams: Hg, In, InAg18Au2, InHgAg, BiIn30

Hg Vapour pressure

Selected examples of a few available dosing InHg-amalgams used in different lamp types

