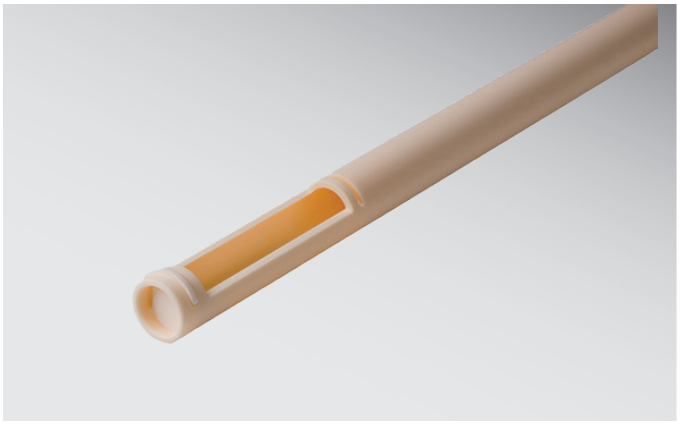
HIGH-PERFORMANCE CERAMICS

TUBES FOR DILATOMETRY



Application:
High-precision measurement of temperature-dependent dimensional changes

Material:
Alumina DEGUSSIT AL23 or DEGUSSIT AL24

Dilatometry (DIL) is used for the high-precision measurement of temperature-dependent dimensional changes to solids, melts, powders and pastes at programmed temperature changes.

The horizontal dilatometer measurement system is equipped with two high-resolution inductive displacement transducers. Through the use of DEGUSSIT AL23 or DEGUSSIT AL24 and comprehensive thermostatic control, it is designed to achieve the highest degree of accuracy, reproducibility and long-term stability in application temperatures of up to 1650 °C

Fields of Application:
- Glass industry
- Ceramics industry
- Aerospace industry
- Automotive industry
- Polymer industry

- **Chemical resistance**
- **High form stability**
- **Thermal shock resistance**

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