

# Glass Frit for Laser-Sealing

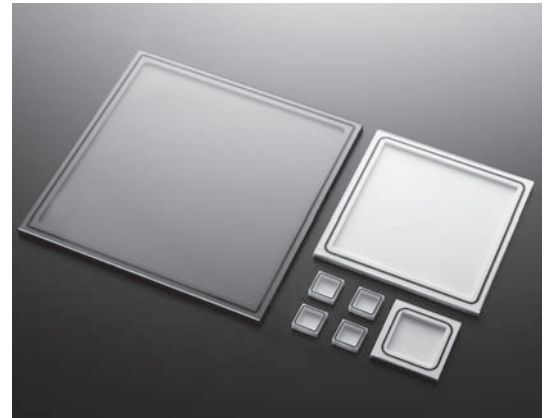
Glass Paste

Glass frit for laser-sealing achieves hermetic sealing of glass substrates or glass and cavities.\* Laser-sealing is available for package sealing, providing less thermal damage to internal devices. Our glass frit is suitable for the technology utilized for hermetic sealing applications that requires high reliability.

\*Alumina, LTCC, Silicon

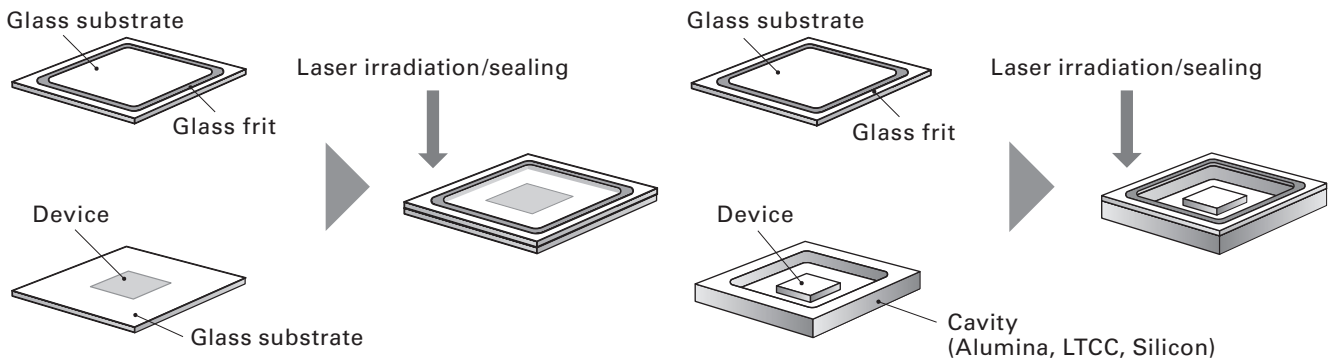
## Features

- Prevents thermal damage to internal devices
- High reliability of hermetic sealing
- Glass lid with glass frit is available.
- Applicable to our glass substrate materials



Application examples

## Laser-Sealing Process



## Applications

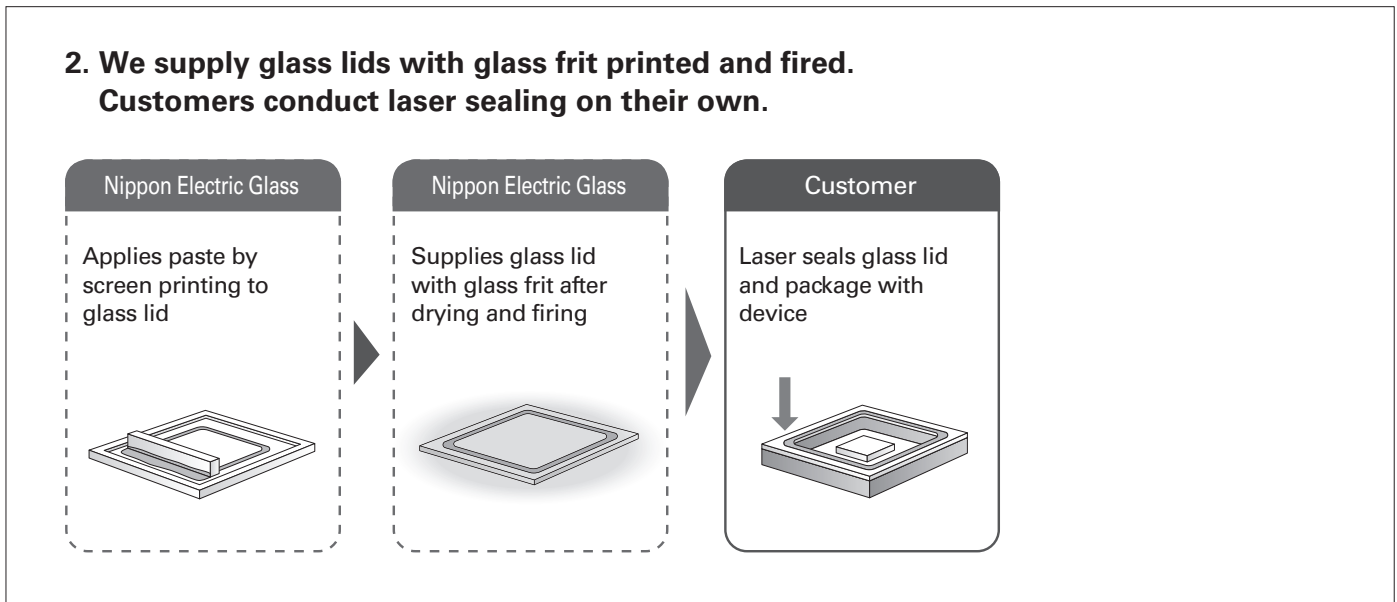
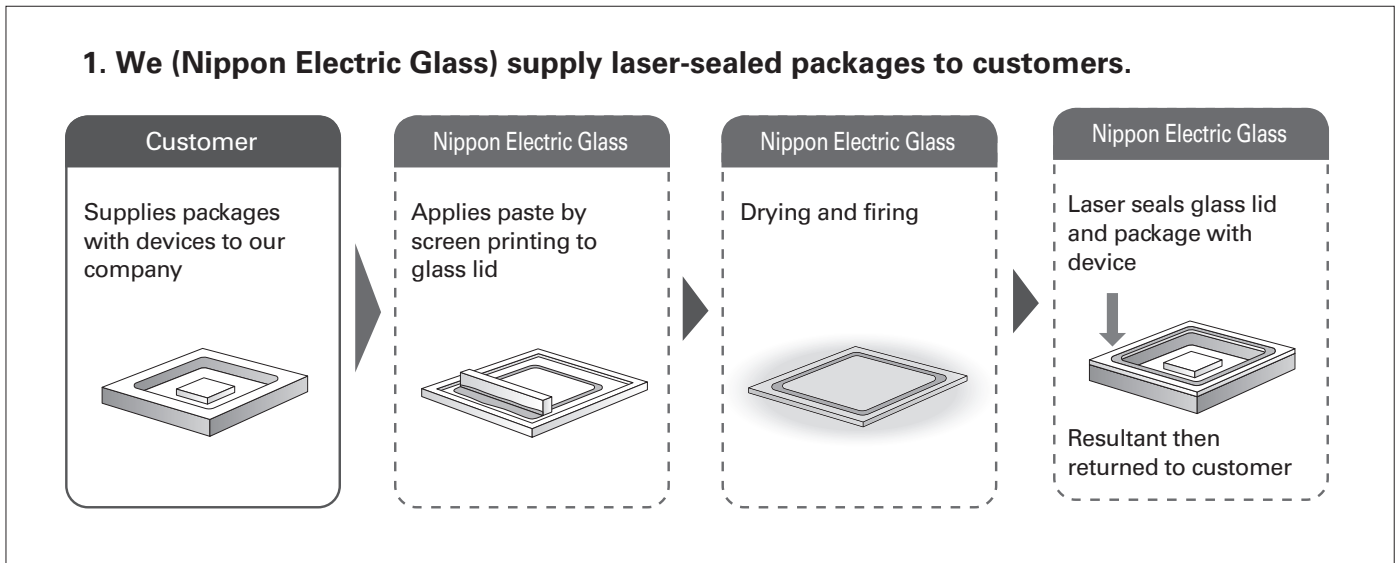
- Micro Electro Mechanical Systems (MEMS) packages
- Deep UV LED packages
- Hermetic sealing for packages
- OLED devices
- Perovskite Solar Cells

## Available Materials and Sizes

Cavity Material	Package/Substrate Size	Glass Lid Thickness
LTCC	up to 60mm	up to 1mm
Alumina	up to 60mm	up to 0.5mm
Glass	up to 200mm	up to 1mm
Silicon	up to 10mm	up to 0.2mm

## Supply Forms and Processes

- Our general supply methods are given below.
- Customers can simplify the process.



- Customers can select the optimal glass lid with fired glass frit from our various glass lids with a wide CTE range.