

"For Business Continuity Plan"



MATSUNAMI believes that manufacturers need to have diverse suppliers to avoid shortage or lack of materials due to pandemic, epidemic, end of production, sale or support. As points of view of Business Continuity Plan, MATSUNAMI can support your business as a glass processor with over 170 years experiences in glass melting, glass molding, fine processing, surface treatment, coating, precision cleaning, and so on.

Goods for markets

Covering glass for semiconductor laser

Quality

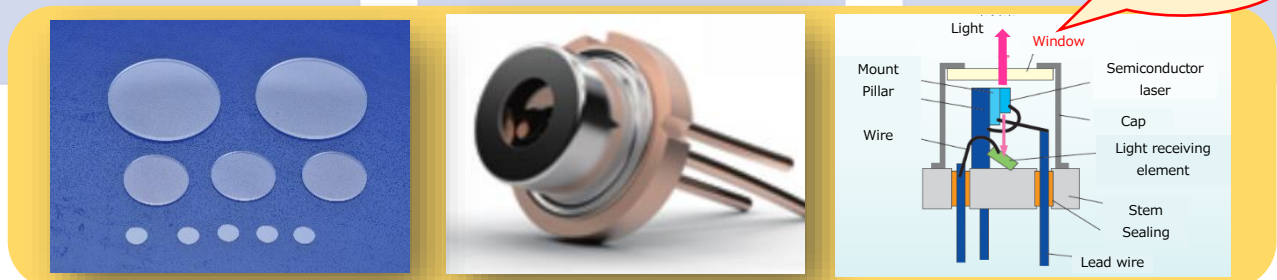
- To control transmittance on specific wavelength
※e.g. >99% transmittance
- Circle, Square, Hexagon shapes ※tolerance ±0.05mm
- High air-tight/Less damaged sealings
- Continuous supply
- Co-work/OEM
- Without harmful materials

Cost

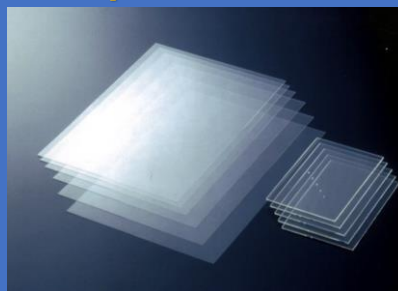
- Serial Process from glass melting to inspeciotn (+ coating)
- Not only sealings, but also covering glass delivered at the same time
- Longterm supply

Delivery

- Just in time
- Small lots with shortened terms
- Flexibility on delivery term



Stiff glass # 700 made in MATSUNAMI more than 40 years
Control thermal expansion to be used as Kovar sealing continuously



Product name	700
Refractive index (nD)	1.489
Expansion coefficient α [10 ⁻⁷ /°C]	50 (100/300)
Transition point Tg [°C]	501
Deformation point At [°C]	545
Softening pont Ts [°C]	704
Knoop hardness Hk	476 (100g/15sec)
Density [g/cm ³]	2.31
Color	Achromatic
Composition type	Borosilicate
Young's modulus[103kg/mm ²]	6.30
Poisson's ration	0.22
RoHS regulated substances	Not contained
Halogenated substances	Not contained
Antimony compound	Contained

Dealing various types of glass, including D263® and TEMPAX Float®

*D263® and TEMPAX Float® are registered by SCHOTT