

UV-C高穿透性玻璃 <BU-41><BU-66>

UV-C High-transmitting Glass <BU-41><BU-66>

我們所研發出的UV-C高穿透性玻璃 <BU-41><BU-66> 適用於會發散深紫外光的燈具或LED。亦提供UV-C波段專用的AR塗層。

We developed UV-C high-transmitting glass <BU-41><BU-66>. It is suitable for the lamp or LED which emits deep ultraviolet ray. AR coating for UV-C band is available.

特色

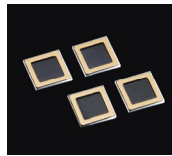
Features

- 由於CTE高於石英玻璃，因此具備高封裝可靠性。
- 具備板式、管式、鏡片式及稜鏡式等各種類型。
- Highly reliable sealing with packages is possible because of higher CTE than quartz glass.
- Various types such as sheets, tubes, lens and prism are available.

蓋式<BU-41><BU-66>

Lid type <BU-41><BU-66>

- 高UV穿透性
- 可製作大型及 / 或超薄尺寸
- 厚度範圍: 0.2 - 0.5mm
- 適用金屬化及AR等各式鍍膜。
- 提供UV-C波段適用的AR鍍膜。
- High UV-transmission
- Larger and/or thinner size is possible.
- Thickness range: 0.2 - 0.5mm
- Metallization, and various coatings such as AR coatings are available.
- AR coating for UV-C band is available.



美化網格
Metalized type

特性

Properties

玻璃代號 Glass code		BU-41	BU-66
熱膨脹係數 Coefficient of thermal expansion		42	66
穿透率 [※] Transmittance	Thickness: 0.2mm	280nm %	98
		265nm %	99
應用 Application		氮化鋁 Aluminum nitride	氧化鋁 Alumina

※鍍AR膜 with AR coating

管式<BU-41>

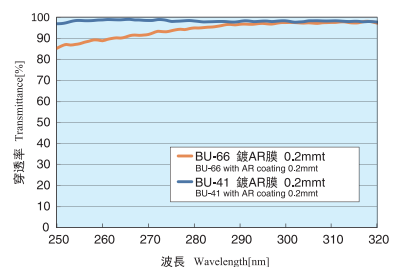
Tube type <BU-41>

- 高UV穿透性
($\lambda=254\text{nm}$, 90%, $t=0.5\text{mm}$)
- 相較於石英玻璃，可以較低溫進行密封
- High UV-transmission
($\lambda=254\text{nm}$, 90%, $t=0.5\text{mm}$)
- Available for sealing at low temperature, compared with quartz glass.



穿透率

Transmittance



鏡片式<BU-41>

Lens type <BU-41>

- 高UV穿透性
- 與石英玻璃相比，
與鏡片及氮化鋁有良好的密封性
- 適用金屬化及AR等各式鍍膜。
- 提供UV-C波段適用的AR鍍膜。
- High UV-transmission
- Compared with quartz glass, good sealability with lens and aluminum nitride.
- Metallization and various coatings such as AR coatings are available.
- AR coating for UV-C band is available.

