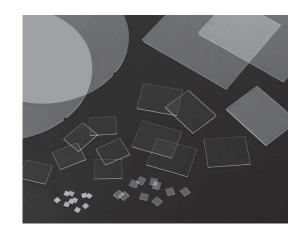
Flat Glass for Electronic Devices

We offer flat glass with various properties for electronic devices. You can choose the glass that is most suitable for the purpose of use.

Features

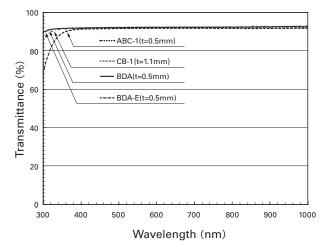
- 1. High quality glass is manufactured using advanced technology.
 - •Technology for achieving very smooth glass surfaces
 - •Technology to achieve higher surface cleanliness
- 2. BDA-E with excellent chemical resistance can be used for a wide range of electronic devices.
- 3. CB-1 with a thickness of 1.1 mm can be used for a wide range of electronic devices.
- 4. ABC-1 is a low expansion alkali-free glass.
- 5. BDA is a glass exclusively developed not to influence the pixels of high-density image sensors.



Properties

Properties/Glass Code			BDA-E	CB-1	ABC-1	BDA
Coefficient of thermal expansion	n 30-380°C	×10-7/K	69	75	37	66
Strain point		°C	530	525	685	540
Annealing point		°C	570	560	745	575
Dielectric constant	1MHz, 25°C		6.8	6.9	5.6	6.5
tan δ	1MHz, 25°C	×10-4	100	100	10	100
Hydrolytic resistance	JIS R3502	R ₂ Omg	0.05	0.08	<0.01	0.07
Light transmittance	λ=500nm, t=0.5mm	%	92	92	92	92
Refractive index (n _d)			1.51	1.51	1.53	1.51
Density		×10 ³ kg/m ³	2.44	2.47	2.52	2.44

Transmittance



Dimension example

	Dimensions	Thickness	Tolerance of thickness	
BDA-E	2×2mm-360×440mm	0.1-1.1mm	± 0.01- ± 0.1mm	
CB-1	2×2111111-360×440111111	1.1mm		
ABC-1	Ф100-300mm	0.3-0.5mm		
BDA	2×2mm-50×50mm	0.3-0.7mm		

Various optical coatings can be designed as requested.