



**Type 33 is clear borosilicate glass referred to as Type 1, Class A – 33 expansion glass**

- This is the lowest coefficient of expansion
- Highly resistant to chemical attack
- Total arsenic and antimony oxides is less than 0.05%
- Free of the elements of the calcium, magnesium, and zinc group of heavy metals
- Not available as amber glass

**Type 51 is clear or amber borosilicate glass referred to as Type 1, Class B – 51 expansion glass**

- Comparatively low coefficient of expansion
- All round good chemical compatibility
- Good resistance to heat shock
- Higher metal content
- All amber vials are made from Type 1, Class B – 51 expansion glass
- Amber glass is to be used for all light sensitive samples – however, if left out in daylight for extended periods of time the amber coloring will fade and become less efficient