

17 - Glass Processing/Fitting Guidelines

End-user specifications and design of product has a significant influence on the thermal shock resistance and mechanical properties that ultimately effect the glass performance.

Different glasses all have their own specific properties and applications.

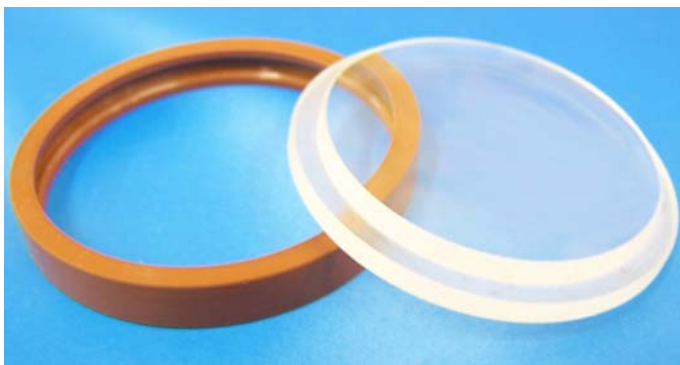
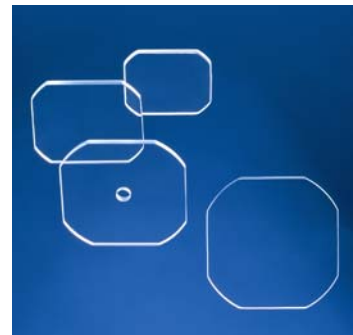
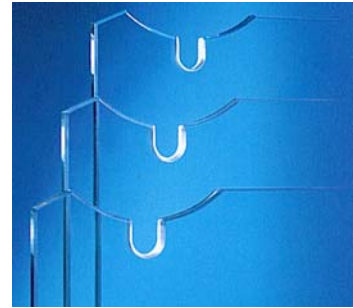
Enquiries for glass that requires special processing or requirements should be submitted for confirmation before final design or order.

Processing Limitations:

- Apply to:- Special Shapes/Notches - Edgework - Finishes - Dimensional Limitations, Overall Size/Thickness - Hole Processing etc. - e.g: with hole processing, restrictions apply to diameters, distance between holes and edge of glass.

Fitting Guidelines:

- The different thermal expansions of glass and various frame materials together with possible manufacturing tolerances must be taken into account when sizing frames and glasses.
- If it is necessary for design reasons to use compression fixing of the glass in the frame, the pressure must be applied uniformly (never unevenly or at individual points) around the periphery of the glass.
- Non-distorting frames should be used. If slight distortions cannot be avoided, a suitable permanently elastic gasket must be used to prevent the distortion of the frame being transmitted to the glass.
- Direct contact between glass and metal (or other hard elements of construction) must be avoided. As an insert between the glass and the metal we recommend permanently elastic, heat-resistant materials.



Note: The technical data presented in our catalogue and website can vary slightly. Therefore, all technical data must be read as typical average values only. This data is for reference information only and may vary for specific requirements. Additional technical support information is available on request.