



GTS

SPECIALIST KNOWLEDGE IN GLASS

STANDARD STRAIN DISCS SET (DOMESTIC)

Glass Technology Services Ltd (GTS) is a UK-based technical glass solutions provider active both in research and development and technical troubleshooting. All areas of glass and glass production are covered from fibre to flat, from container to scientific, whether at point of manufacture or point of sale/use.

Excessive residual stress in annealed glassware can lead to poor performance and possible glass failure.

Following the shaping or forming process of glass manufacture, glass articles are normally annealed to reduce the level of residual stress in the glass.

Should this process be carried out too quickly or not carefully controlled the result can be excessive levels of stress in the glass that might lead to poor performance when in use, possibly leading to spontaneous glass failure.

Following the annealing process, these residual stresses can be assessed by comparison with standardised strain discs when viewed under a polariscope.



Each set of standard strain discs comprise five individual discs which conform to the requirements for stress measurement in the American standard ASTM C148 test method A.

The discs are supplied in a protective hard wearing metal casing which allows easy access to the individual discs ready for use.

**To obtain a set of five strain discs or for more information please contact the
Product Performance Department**

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