

Custom Glass Fabrication Capabilities Technical Capabilities Brochure

10/21

Metrology - At Abrisa Technologies, our metrology capabilities are an integral part of what we do. At various stages in the manufacturing process as well as before final packaging, all of our parts are thoroughly inspected to ensure compliance to customer requirements. Parts are both visually and dimensionally inspected using a wide range of industry standard measurement & inspection equipment as well as state-of-the-art machinery for compliance.

Typical metrology equipment utilized at Abrisa Technologies includes:

- Spectrophotometers
- Micro-VU Three Axes measurement machine
- Surface Testing Machines (Waviness and Roughness)
- Calipers and Micrometers,
- Micro-Flat Plates
- Optical Comparators
- MOR's and Surface Test Compression Equipment
- FSM 6000LE "New in 2012" to support Chemical Strengthening (HIE product line)

Specialty Packaging - Specialty packaging is available for parts with special surface requirements or packaging protection requirements for moisture, dust, and/or marking prevention.

Moisture, Dust, and Marking Reduction:

- PH Neutral Paper
- Silica Gel Packets
- Plastic Coverings Inside Crates
- Heat Shrinking
- Various Trays (Foam or Plastic)



Wafer Containers:

Plastic Wafer Containers are available for glass wafers with special surface requirements. Wafer containers allow parts to be packed and shipped in individual cells without paper.

- Maximum Part Thickness: 1.75 mm [0.069"]
- Maximum Part Diameter: 400 mm [15.748"]