

## **ABRISA Technologies – Photonics West 2017 Booth # 2040**

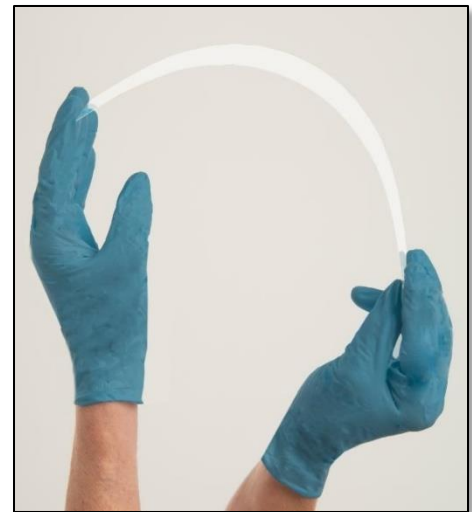
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## **Ultra-Thin Glass Protection Enhancement for Sensors & Displays**

Santa Paula – Abrisa Industrial Glass, a division of Abrisa Technologies, now offers an even more comprehensive line of ultra-thin borosilicate and aluminosilicate glass solutions for use as protective windows, coating substrates and insulating or chemically compatible barriers for use on Image and Bio Sensors, Displays, Touch Panels and other portable and high contact use devices. Highly flexible substrates of 0.030 to 0.1mm thickness, (the width of a human hair), as well as damage resistant HIE™ Aluminosilicate are now available in even thinner thicknesses of 0.05 to 0.4mm.

According to Lisa M. Tsufura, Product Line Manager at Abrisa Technologies, “Abrisa Industrial Glass now offers the OEM even more choices for ultra-thin glass and damage resistant aluminosilicate to support device designs that seek to reduce weight and achieve low profiles while remaining durable. Ultra-Thin Glass solutions can also be used as “bolt or bond on” layers; an almost imperceptible yet functional layer to achieve damage resistance or selective optical performance when the underlying material is not well suited or is unable to survive the processing environment.”



### **Uses for Ultra-Thin Glass Solutions**

- Accommodate flexible and non-flat formats
- Support low weight/reduced profile designs
- Enhance product durability and scratch resistance
- Add on anti-reflection, filtering or EMI shielding
- Provide a chemical or biocompatible interface
- Provide Easy-to-clean oleo/hydrophobic surface
- Achieve a “glass look or feel”

- more -

### Thin Borosilicate and Non-Alkaline Glass Solutions

- AGC - EN-A1 (0.3mm - 0.7mm from stock, up to 26.3" x 21.6")
- Corning® EAGLE XG® (0.5mm - 1.1mm from stock, 0.3mm on request, up to 61.0" x 52.8" )
- Corning® 0211 (0.145mm from stock, up to 17" x 16")
- SCHOTT D263® T eco (0.1mm - 1.1mm from stock, up to 17.3" x 14.2")
- Soda Lime Float (0.28mm - 1.1mm from stock, up to 48" x 42")

### Thin Damage Resistant Aluminosilicate Solutions

- Corning® Gorilla® Glass (0.4 - 2.0mm from stock— Strengthened size up to 36" x 29")
- SCHOTT AS 87 (0.07 - 0.21mm from stock— strengthened size up to 17" x 14")

### Other Options

- Material thickness from 0.03 - 0.05mm upon request
- Optical Coating and Bus bar Services
- Printed epoxy, deadfront, IR transmitting graphics
- Easy-to-Clean Oleophobic/Hydrophobic Coatings

Abrisa Technologies' glass and coating Solutions Engineers are ready to discuss your application and provide you with a Total Solution for your Ultra-Thin Glass needs.

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Abrisa Technologies is a recognized, US based, global supplier of high quality, fabricated glass components, optical thin film coatings, and custom glass solutions for diverse industries such as microelectronics and displays, semiconductor, military, automotive, aerospace, biomedical, telecom and scientific R&D. We provide custom flat glass and coating products for applications such as: flat panel display, touch and gesture recognition, imaging and surveillance, entertainment, lighting, advanced instrumentation and photonics.