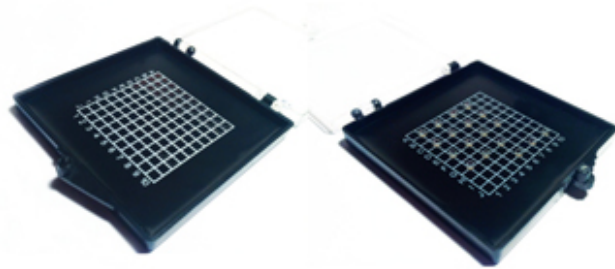
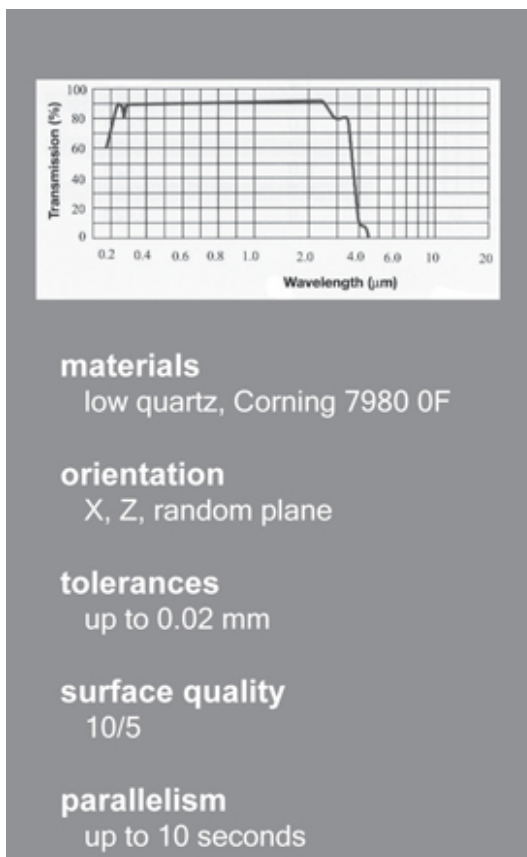


- [Main Page](#)
- [About us](#)
- [quote request](#)
- [products](#)
- [Contact us](#)



ultra-thin alpha quartz and fused silica!



ultra-thin alpha quartz and uv fused silica windows

Quartz is a stronger material than glass and can be used up to 1050°C. Alpha quartz (or low quartz) is the name of the high crystalline type of quartz. Low is in reference to the stable silica polymorph at low temperatures. It has a high transmission (230nm-3000nm) and is useful for most UV applications except deep UV below 175nm when UV Fused Silica is more suitable. Most common applications for quartz are shock physics and sensing. Common components are micro-optics, Brewster windows, step windows, Quarter waveplates, polarizing prisms... Our focus has been on Alpha quartz and UV Fused Silica ultra-thin windows with thicknesses of 100μm, 250μm, 500μm and diameters or squares of 2mm (±0.02mm).

o

- o **Fill out our [Quote Request form](#) or send us an email at sales@asphera.net**

-
- info@asphera.net
- [831.431.6801](tel:831.431.6801)

asphera enhancing the era of aspheres