

 ES2-GSA SAPPHIRE
OPTICAL WINDOWS



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ES2 - GSA SAPPHIRE OPTICAL WINDOWS

Utilizing our proprietary ES2 Crystal Growth and Manufacturing technologies, Rubicon Technology is a stable US-based company that is committed to deliver the right technical, human, production and financial resources to meet every materials science challenges. Because of our ability to produce very large sapphire windows and blanks of high optical quality and strength, the range of applications has expanded to our customers.

Material	ES2 High Purity Sapphire (99.999%)
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Crystal Quality	Optical Grades No Grain Boundaries, Twins, Lineages or Crack
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Transmission	UV Grade, IR Grade
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Orientation	C -Plane (0001) A -Plane (11-20) R -Plane (10-12) M -Plane (10-10) Random
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Shape and Sizes

Round	Up to 12" (300 mm)
Square/Rectangle	Up to 250 mm Dimensions
Rod Stock Length	Up to 200 mm
Thickness	Up to 50mm +

Surface Finish	Fine Grind Single or Double Side Polished
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Available Option	Beveled and Chamfered Edges Radius Corners, Custom Shapes and Features
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Custom Specifications not listed above are also available

