

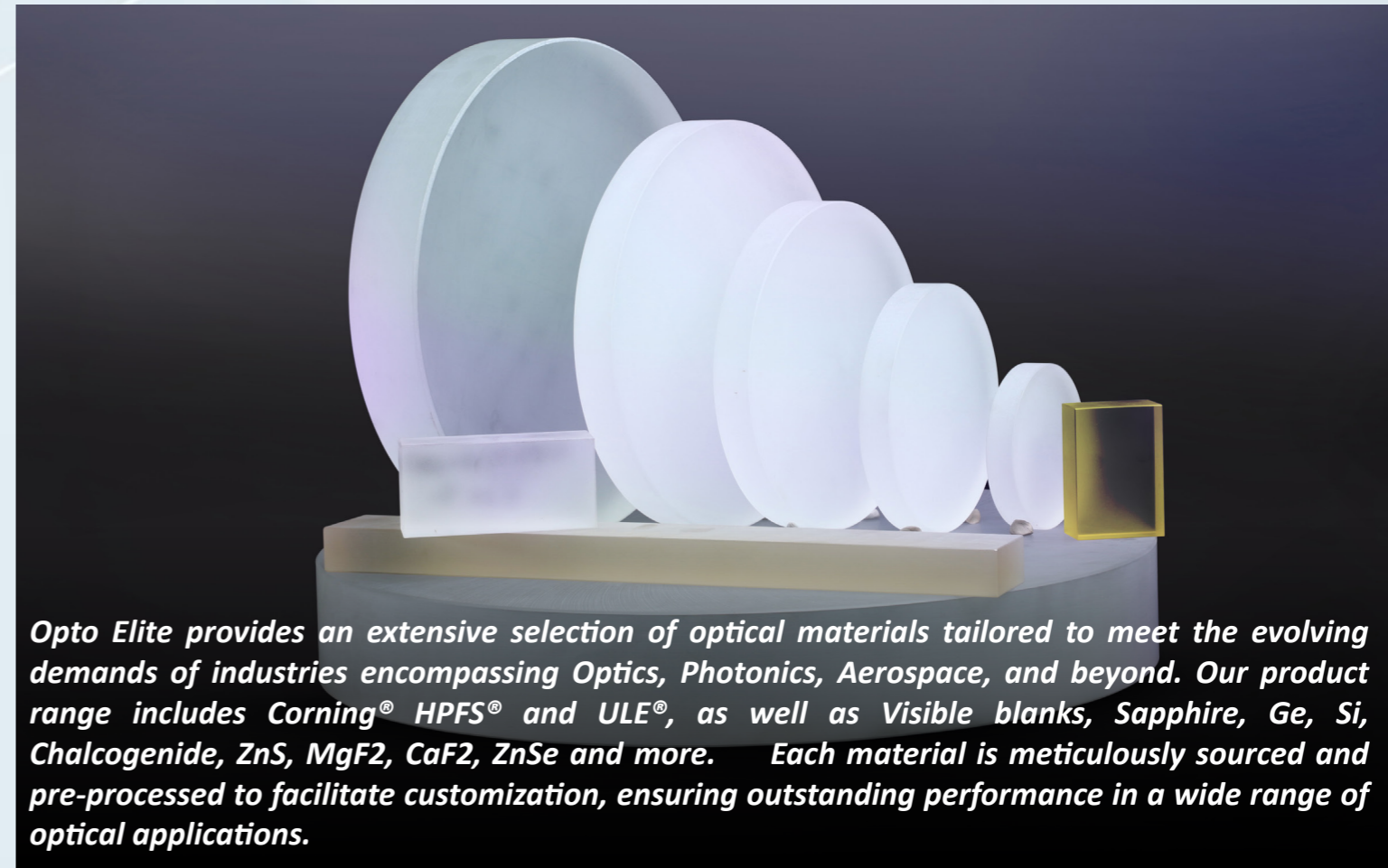


Corning® Authorized Supplier for HPFS® and ULE®



Corning® Authorized Supplier for HPFS® and ULE®

*Opto Elite's in-house glass processing center is equipped with precision machinery, enabling precise sizing, edge grinding, and pre-machining capabilities for customized optical solutions.*



*Opto Elite provides an extensive selection of optical materials tailored to meet the evolving demands of industries encompassing Optics, Photonics, Aerospace, and beyond. Our product range includes Corning® HPFS® and ULE®, as well as Visible blanks, Sapphire, Ge, Si, Chalcogenide, ZnS, MgF2, CaF2, ZnSe and more. Each material is meticulously sourced and pre-processed to facilitate customization, ensuring outstanding performance in a wide range of optical applications.*

## OPTO ELITE PVT LTD

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## Empowering Optical Industries with Quality and Innovation

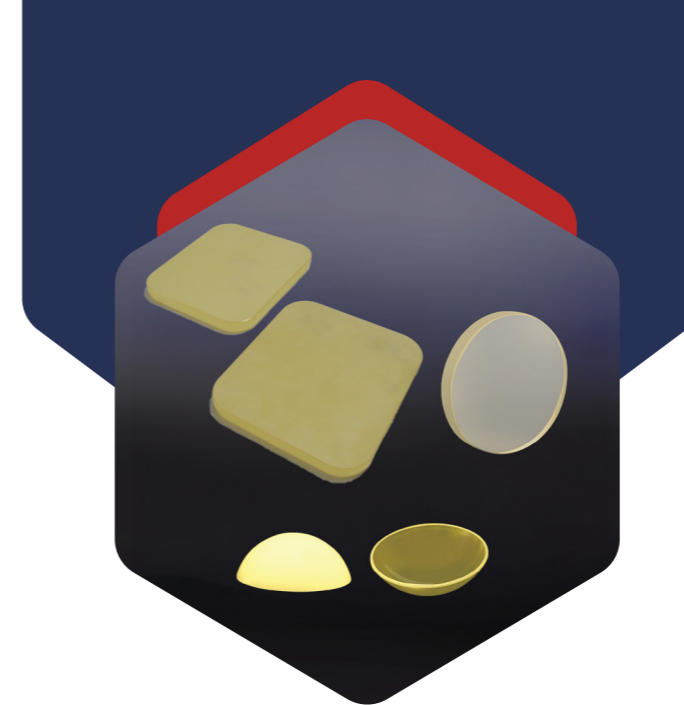
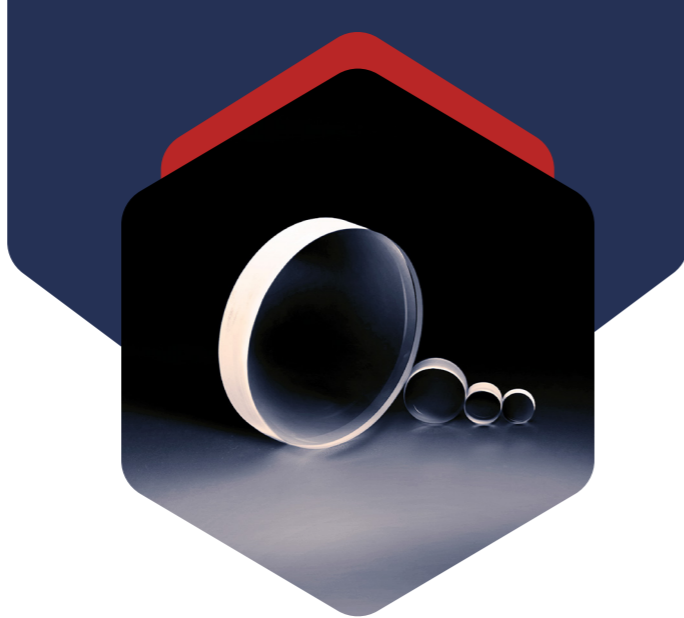


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## ADVANCED OPTICAL MATERIALS

### CORNING® HPFS® 7979

Corning 7979 is an ideal choice for laser applications, highly regarded for its low thermal expansion and outstanding optical clarity. Its exceptional performance makes it a reliable material for precision laser optics, enabling precise beam control and enhanced laser system efficiency.



## MULTISPECTRAL MATERIALS

### ZINC SULFIDE (ZnS)

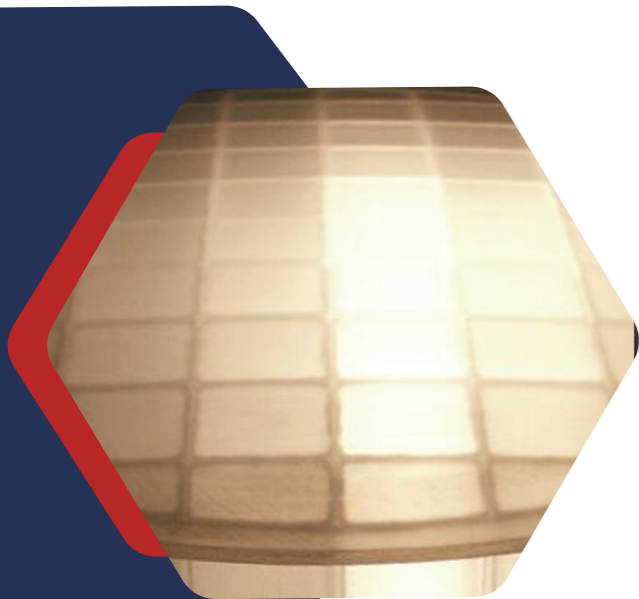
We are a leading provider of Zinc Sulfide (ZnS) products, including multispectral (MS) and regular IR grade, produced using the Chemical Vapor Deposition (CVD) process. At Opto Elite, customization is our specialty, offering ZnS materials in various forms, from flats and curved blanks to large-diameter domes, tailored to meet your unique requirements. Our ZnS, available in sizes up to 250 mm, showcases exceptional index of refraction homogeneity, ensuring uniform imaging across the visible through LWIR.

| Material      | Inclusion Class | Homogeneity Grade | Birefringence Lower Specifications Available upon request [nm/cm] | Striae ISO 10110-4 Class | Metallic Impurities [ppb] | OH Content [ppm] |
|---------------|-----------------|-------------------|---|--------------------------|---------------------------|------------------|
| 7979 IR Grade | 0, 1, 2         | AA, A, C, F       | ≤ 5   | 5                        | < 100                     | < 1              |

### Ultra Low Expansion Glass

#### ULE® Corning Code 7972, 7973

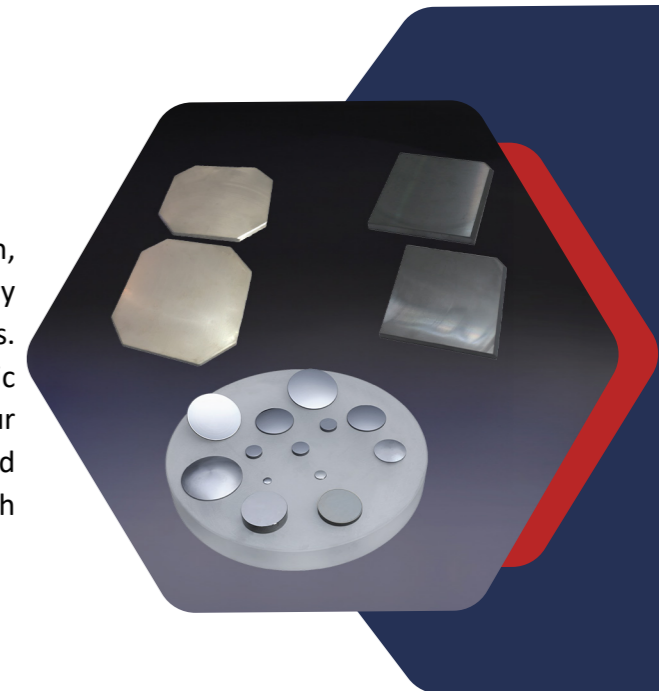
ULE® Corning Code 7972 Ultra Low Expansion Glass is a titania silicate glass with unique characteristics that have made it the material of choice in applications ranging from machine tool reference blocks to solid and lightweight mirror blanks for large astronomical telescopes and space satellite applications. 7973 is a titania-silicate low expansion glass that has been tailored to meet the needs for mask and optical substrates for EUVL applications.



## INFRARED MATERIALS

### GERMANIUM, SILICON & CHALCOGENIDE

Opto Elite is your trusted supplier for Germanium, Silicon, and Chalcogenide windows and lens blanks, specially crafted for a wide range of IR thermal imaging applications. We offer pre-processing services to meet your specific requirements, ensuring seamless integration into your thermal imaging systems. Count on us for precision and quality, empowering your thermal imaging projects with our top-grade materials and services.



## OPTICAL MATERIALS - GLASS BLANKS & DOMES

### VISIBLE GLASSES, SAPPHIRE, MgF2, ZnSe & CaF2

We supply glass blanks in a range of visible materials, including MgF2, sapphire, and CaF2, tailored for diverse scientific applications. Our extensive inventory includes various sizes and shapes to accommodate your specific needs, and we offer comprehensive customization options to meet your unique requirements. Whether you're advancing research, enhancing optical systems, or pushing the boundaries of scientific discovery, count on Opto Elite for precision and versatility in glass blanks to elevate your projects.

### CORNING® HPFS® 7980, 8655

Glass codes 7980 & 8655 are high purity non-crystalline silica glasses with excellent optical qualities.

#### Product characteristics;

- Low refractive index variations
- Excellent homogeneity
- Lowest birefringence
- Large size capabilities
- Exceptional transmittance from the deep ultraviolet through the infrared region

