



**Product Information: QUARTZ / FUSED SILICA COMPARISON**

6/01

**Applications**

- Water Carriers
- Flanges
- Optical Plates
- Test Plates
- Pressure Windows

**GE-124**

**Features**

- Excellent Thermal Properties Same CTE as 7940
- Low Cost Option For Commercial Applications
- Very Good Ultraviolet, Visible and Infrared Transmission
- Contains Numerous Bubbles
- Up to 36" Diameter, up to 4" Thick

**Applications**

- High Temperature Viewports
- Heat Shields
- Dielectric Components
- Quartz Substitute

**VYCOR®**

**Features**

- High Temperature Viewports
- Heat Shields
- Dielectric Components
- Quartz Substitute
- Up to 13" x 19", up to 1" Thick

**7940 FUSED SILICA**

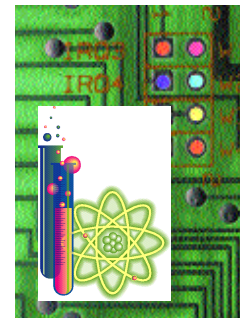
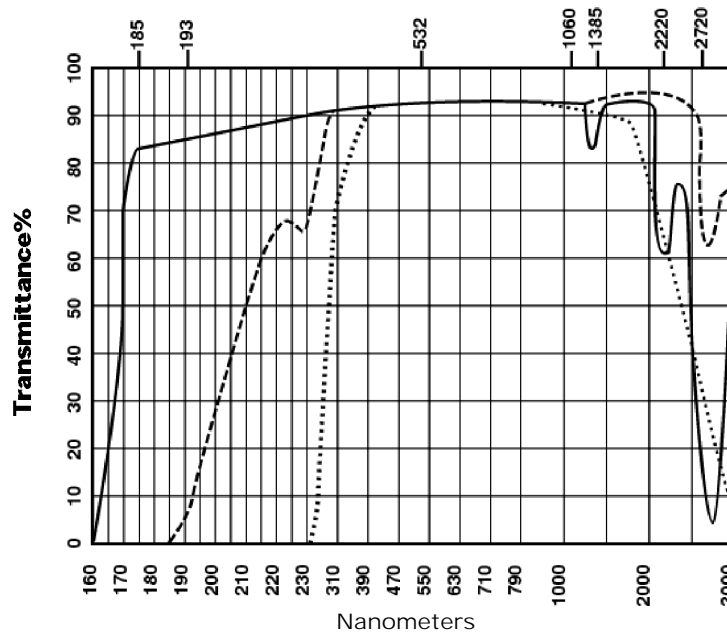
**Applications**

- Optical Grade Windows, Mirror & Lenses
- Space and Aircraft Windows
- Light Pipes, Diffusers and Beam Homogenizers

**Features**

- Excellent Homogeneity
- Water Content 1000 PPM Maximum
- Excellent Resistance to Radiation Darkening and Damage
- MIL-G-174 B Class 1 Grade A
- Excellent Ultraviolet, Visible and Infrared Transmission
- 24" Diameter up to 4" Thick

7940 ———  
 VYCOR .....  
 GE - 124 - - - -



**HIGH TECHNOLOGY**

FUSED SILICA/FUSED QUARTZ

HIGH PURITY ALUMINA/SAPPHIRE

OPTICAL GLASS, BK-7, B270

GLASS FORMED APPARATUSES

POLARIZED FILTERS LAMINATIONS

NEUTRAL DENSITY FILTERS

CNC, CAD/CAM CONTROLLED MANUFACTURING

