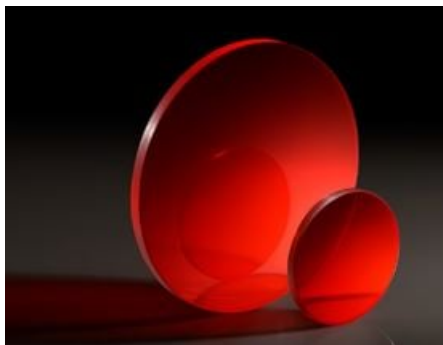


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ISP Optics Thallium Bromoiodide (KRS-5) Windows [See More by ISP Optics](#)

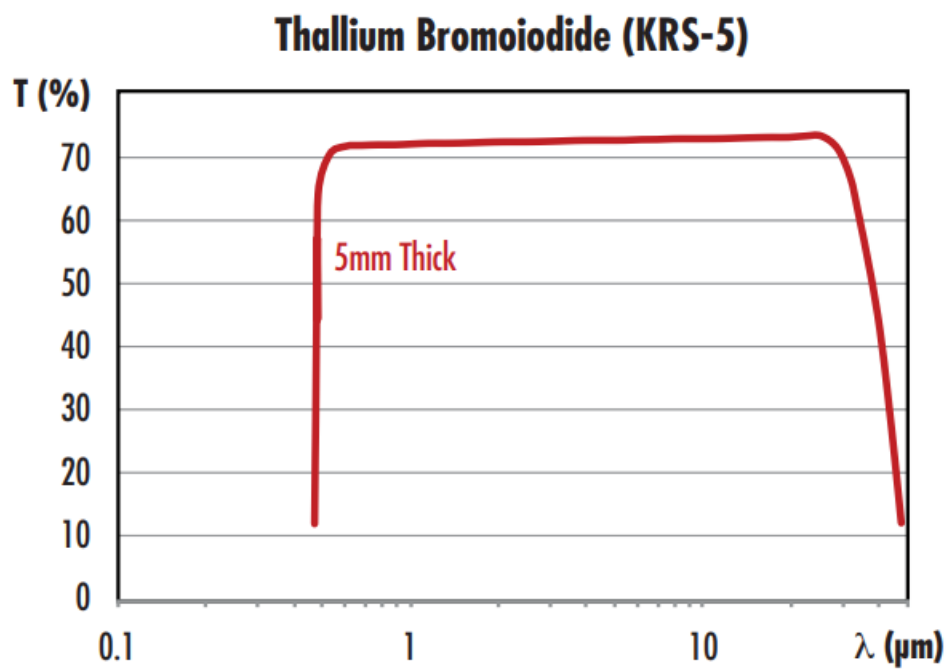


- Broad Transmission from 700nm - 40μm
- Non-Hydroscopic
- Ideal for FTIR Spectroscopy with Aqueous Samples



Common Specifications

| | | | |
|--|--|---------------------------------------|---------------|
| Physical & Mechanical Properties | | | |
| Bevel: | Protective as needed | Clear Aperture (%): | 85 |
| Edges: | Fine Ground | Knoop Hardness (kg/mm ²): | 40.20 |
| Parallelism (arcmin): | <3 | Poisson's Ratio: | 0.37 |
| Young's Modulus (GPa): | 31 | | |
| Optical Properties | | | |
| Coating: | Uncoated | | |
| Substrate: | Thallium Bromoiodide (KRS-5) | Surface Flatness (P-V): | λ/10 @ 10.6μm |
| Surface Quality: | 60-40 | Wavelength Range (nm): | 700 - 40000 |
| Material Properties | | | |
| Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C): | 6.0 | Density (g/cm ³): | 7.37 |

Technical Information



Products

| Dia. (mm) | Thickness (mm) | Coating | Stock Number | Price | Buy |
|--|-------------------|----------|--|-------------|------------|
| #16-802 Clearance | | | | | |
|  | | | | | |
| Clearance | | | | | |
| 25.40 | 2.00 | Uncoated | Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | C\$1,164.94 | 7 In Stock |
| #24-604 Clearance | | | | | |
|  | | | | | |
| Clearance | | | | | |
| 25.40 | 4.00 | Uncoated | Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | C\$1,120.42 | 3 In Stock |

[#16-803 Clearance](#)



Clearance

| | | | | | |
|-------|------|----------|--|-------------|------------|
| 50.80 | 3.00 | Uncoated | Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | C\$3,390.94 | 2 In Stock |
|-------|------|----------|--|-------------|------------|



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