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



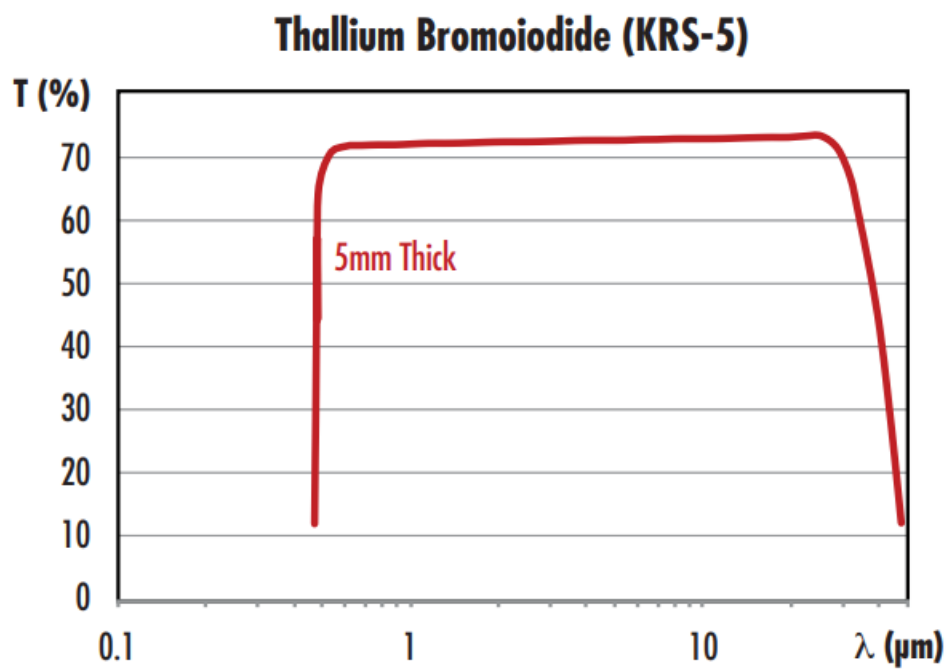
- Broad Transmission from 700nm - 40μm
- Non-Hydroscopic
- Ideal for FTIR Spectroscopy with Aqueous Samples



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.	A\$1,293.68	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.	A\$1,244.24	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.	A\$3,765.68	2 In Stock
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