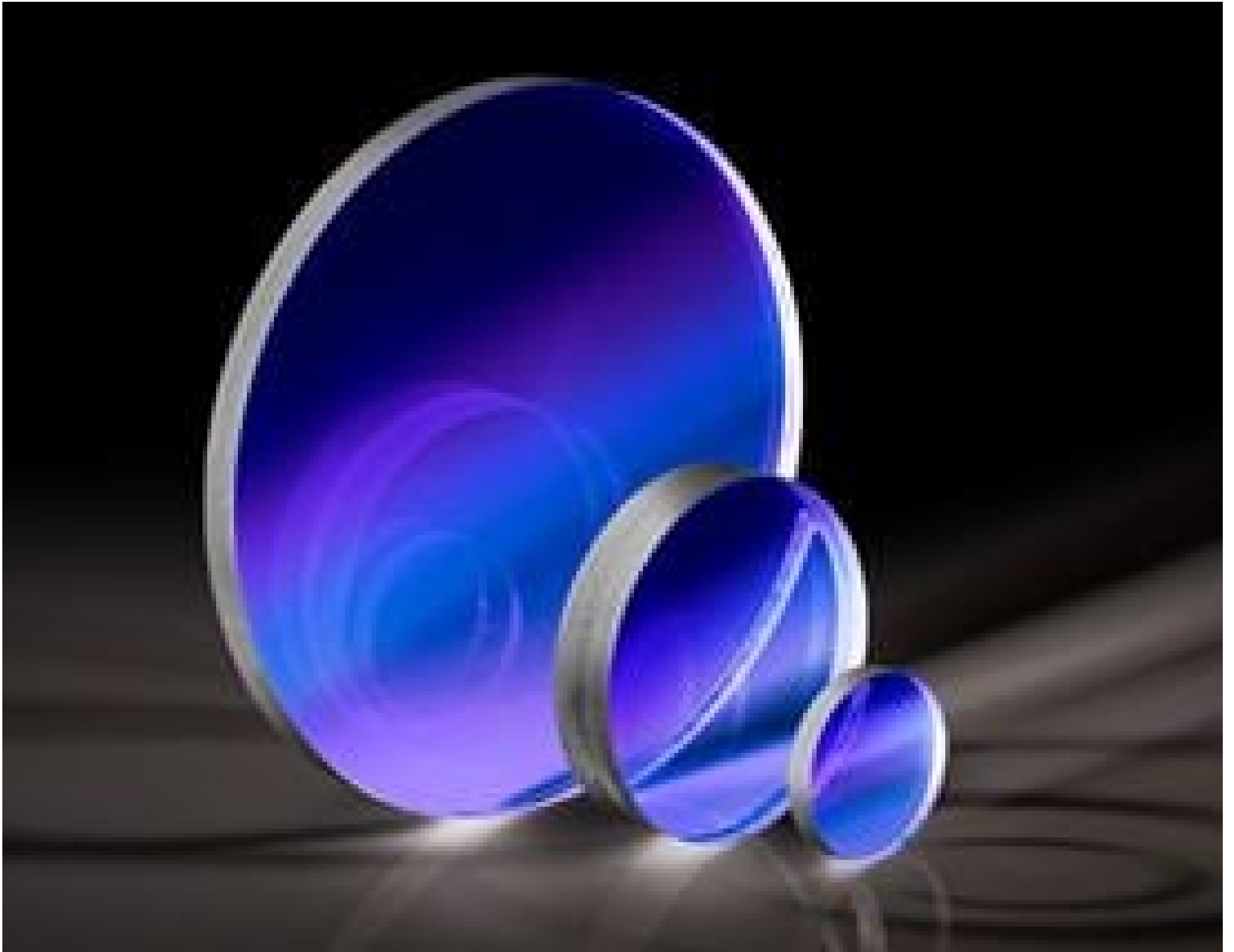


13mm Dia. x 2mm Thickness Uncoated, Sodium Chloride Window



Stock **#68-813** **1 In Stock**

- 1 + €64⁵⁰

ADD TO CART

Volume Pricing	
Qty 1-10	€64,50 each
Qty 11-25	€58,00 each
Qty 26-49	€54,50 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Protective Window **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

13.00 ±0.50 **Diameter (mm):**

2.00 ±0.50 **Thickness (mm):**

Fine Ground **Edges:**

18.20 **Knoop Hardness (kg/mm²):**

0.25 **Poisson's Ratio:**

39.98 **Young's Modulus (GPa):**

Optical Properties

42.89 **Abbe Number (v_d):**

Uncoated **Coating:**

1.544 **Index of Refraction (n_d):**

Sodium Chloride (NaCl) **Substrate:**

60-40 **Surface Quality:**

250 - 16000 **Wavelength Range (nm):**

Material Properties

44 **Coefficient of Thermal Expansion CTE (10⁻⁶/°C):**

2.17 **Density (g/cm³):**

35.70 **Solubility, in 100g of H₂O @ 273K (g):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 219:**

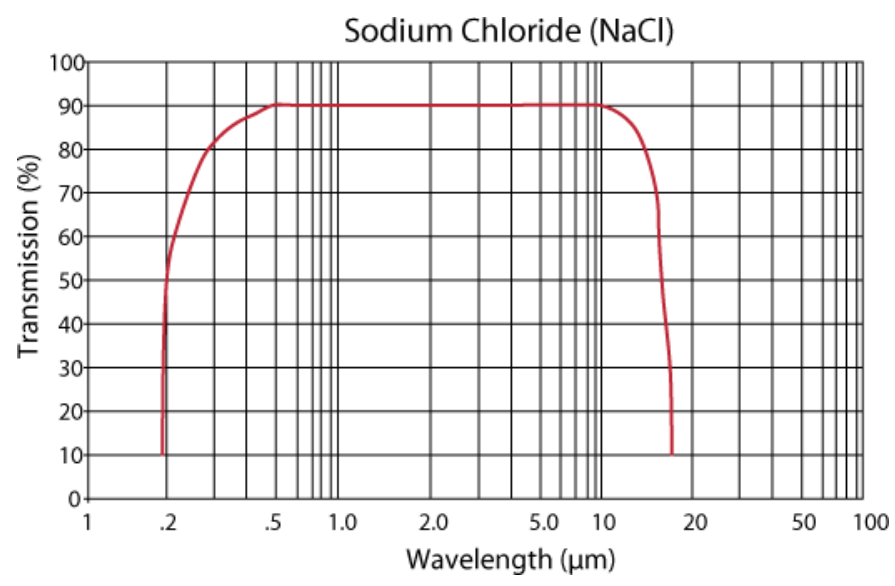
[View](#) **Certificate of Conformance:**

PRODUCT DETAILS

- Excellent Transmission from 250nm – 16µm
- Low Cost
- Ideal for FTIR Spectroscopy
- [Potassium Bromide \(KBr\) Windows](#) Also Available

Sodium Chloride (NaCl) Windows are ideal for FTIR spectroscopy. Sodium Chloride (NaCl) is a material commonly used in FTIR spectroscopy. NaCl is a relatively low-cost cubic crystalline material that has excellent transmission from 250nm – 16µm. Sodium Chloride (NaCl) Windows, over this large spectral range, have an index of refraction that ranges between 1.4 - 1.6. It is hygroscopic by nature and thus samples should not contain water. The windows are sensitive to thermal shock but can be used in temperatures up to 400°C. NaCl has a density of 2.17 g/cm³ and a Knoop Hardness of 18.2.

TECHNICAL INFORMATION



SPECIAL HANDLING

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

COMPATIBLE MOUNTS