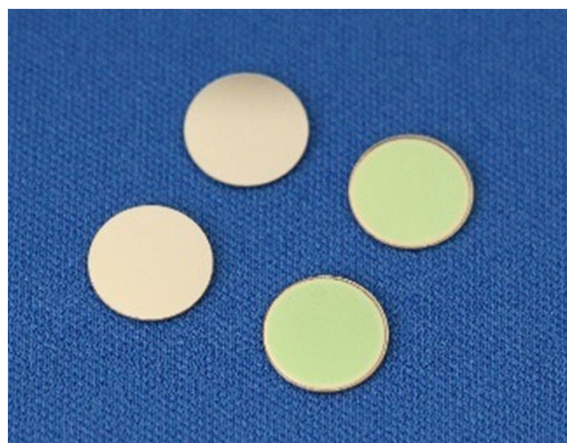


IR Window(Silicon)

A window with a substrate made of single-crystal silicon. No absorption in the infrared region up to 6 μ m. With anti-reflective (AR) coating on the both faces, the product delivers even superior transmission properties highly suitable for windows.

Features

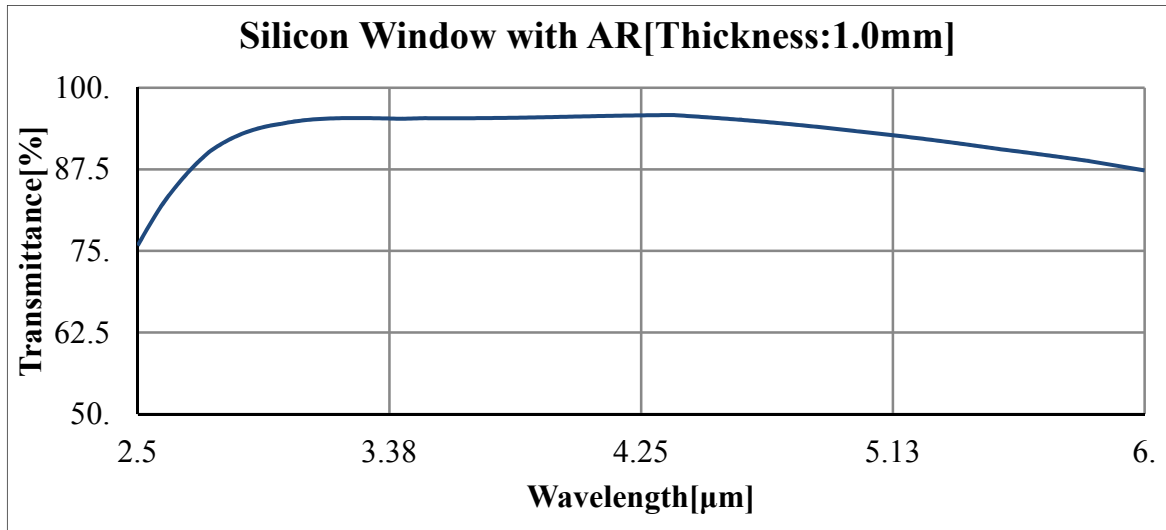
- The AR-coated model offers high transmission properties for a wide range of light (3 μ m-5 μ m).
- The product can be used as a window for specimen observation, laser irradiation, etc.



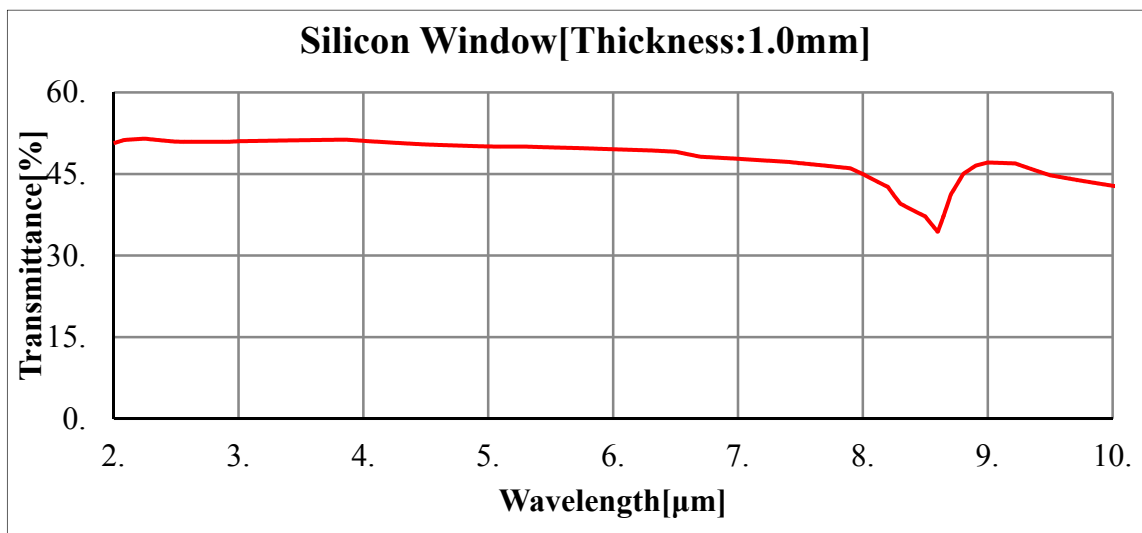
Typical Specifications

Model	SIWI	
Wavelength Range	3-5 μ m or 2-6 μ m	
AR Coating	Y	N
Reflectance (One Side)	$\leq 2.0\%$	-
Size	$\phi 25 \times 1^t$ mm, $\phi 30 \times 1^t$ mm	
Substrate	Single-crystal silicon	
Parallelism	Within 3 minutes	
Scratch-Dig	60 - 40	
Effective Diameter	80% of the actual diameter	

Wavelength Characteristics of Reflectance(AR-coated)



Wavelength Characteristics of Reflectance(AR-uncoated)



Ordering Instructions

+IR Window (Silicon)

Order format: SIWI - (1) - (2)

Order format example: SIWI-A-C

(AR-coating: 3-5um, φ25mm)

(1) AR-coating	A: 3-5μm N: Uncoated
(2) External diameter of substrate	A: φ 30mm C: φ25mm

* External diameter and thickness can be customised.