

High Efficiency Anti Reflection 3μm-5μm

UCS_Si_01

Productnumber: 2Si000001

This coating is the standard anti-reflection coating for use in the 3-5μm waveband. Combining high transmission, low reflection and moderate environmental resistance, this coating is best suited for internal surfaces (I.S.) applications.

This coating contains no radioactive material.



Spectral - additional

Transmission (Average)	>98% 3μm-5μm	For a 1mm thick witness piece, coated both faces UCS_Si_01.
Reflection (Average)	<1% 3μm-5μm	Per surface for a 1mm thick witness piece, coated one side UCS_Si_01
Angle of Incidence	0°-20°	

Environmental Properties

Adhesion	MIL-C-48497A, 08/09/1980, para 4.5.3.1
Adhesion Remark	Tape Test
Humidity	MIL-C-48497A, 08/09/1980, para 4.5.3.2
Humidity Remark	24Hrs, 49°C, 95-100% relative humidity
Abrasion	MIL-C-48497A, 08/09/1980, para 4.5.3.3
Abrasion Remark	Moderate, 50 strokes with a cheesecloth

Sizes

Up to 275mm diameter

