

# Ultralo Anti Reflection Coating 10.6μm

## UCS\_ZAR\_74

This coating is used on Zinc Selenide lenses and windows in high power laser applications where ultra low absorption is important.



## Spectral - additional

Tavg	>99.35%	For a 2mm thick witness piece, coated on both sides with UCS_ZAR_74.
Ravg	<0.25% per surface	Per surface, for a 2mm thick witness piece, coated with UCS_ZAR_74.
Absorption	<0.17%	

## 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 300mm diameter

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