

Dual Band SupermaxR 10.6μm & 633nm

UCS_Si_15

Productnumber: 1Si000003

Deposited onto Silicon, this non-radioactive coating combines high reflectivity and low absorption for CO2 lasers up to 5kW as well as enhancing HeNe laser wavelengths.

It is an extremely rugged coating and can withstand regular cleaning.



Spectral - additional

Reflection (Average)	>99.8% 10.6μm, >75% 633nm @ 45° AOI
Absorption	<0.2%
Phase Shift	<±2° from zero @ 45° AOI

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 4.5.5.1
Abrasion Remark	Severe, 20 strokes Eraser

Sizes

Up to 275 diameter

