



COATING PRODUCT #34100

SILICON ANTI-REFLECTION COATING

Description

This coating for Si components exhibits excellent transmittance in the 1.75 to 5 micron region.

Spectral Performance

Substrate: 0.040" Si, coated both sides
Spectral region: 1.75 to 5.0 microns

Product Specifications:

Tav ≥ 95% (through both surfaces)

Typical Performance:

Tav ≥ 96% (through both surfaces)

Quality Standards

This coating shall meet the quality requirements of MIL-C-675, MIL-STD-810, MIL-M-13508, MIL-F-48616, and MIL-C-48497 where applicable.

Environmental Performance

Coatings are produced to meet the following test criteria:

Test Available

Test Method

Adhesion	Cellulose tape test
Abrasion	20 cycle eraser test
Humidity	24 hours at 120° F, 95-100% RH or 10 days at 120° F, 95-100% RH
Salt Spray (fog)	ASTM B117-73 for 24 hours

Coatings are tested to ensure specification compliance and certification can be provided. Customer specified lot-testing is available upon request. Please contact an EEO sales engineer for additional information.

