

AMTIR ANTI-REFLECTION COATING

Description

This coating exhibits excellent transmittance in the 8-12 micron region while minimizing reflectance characteristics.

Spectral Performance

Substrate: 0.040" AMTIR, coated both sides
Spectral region: 8.0-11.5 microns

Product Specifications:

$T_{av} \geq 97\%$ (through both surfaces)
 $R_{av} \leq 1\%$ (per surface)

Typical Performance:

$T_{av} \geq 98\%$ (through both surfaces)
 $R_{av} \leq 0.4\%$ (per surface)

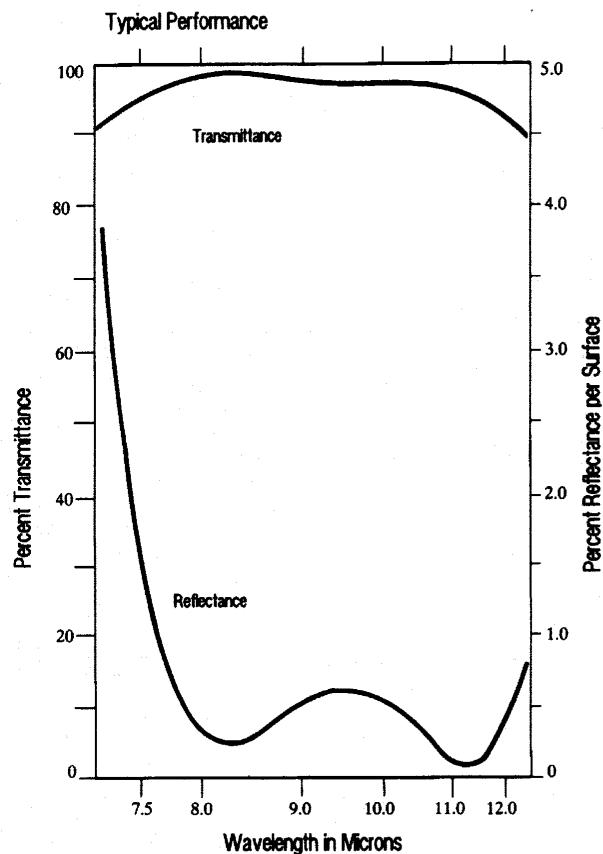
Quality Standards

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	Cheesecloth test
Humidity	24 hours at 120° F, 95-100% RH



Coatings are tested to ensure specification compliance and certification can be provided. Customer specified lot-testing is available upon request. For additional information please contact us at 9+51-926-7666 or sales@exotic-eo.com.