

**GERMANIUM AR BROADBAND COATING**

**Description**

This broadband anti-reflection coating for Ge exhibits Excellent transmittance characteristics in the entire Region from 2.5 to 14 microns.

**Spectral Performance**

**Substrate:** 0.040" Ge, coated both sides  
**Spectral region:** 3-12 microns

**Product Specifications, Standard:**

Tav ≥ 94% (through both surfaces)

**Typical Performance, Standard:**

Tav ≥ 95% (through both surfaces)

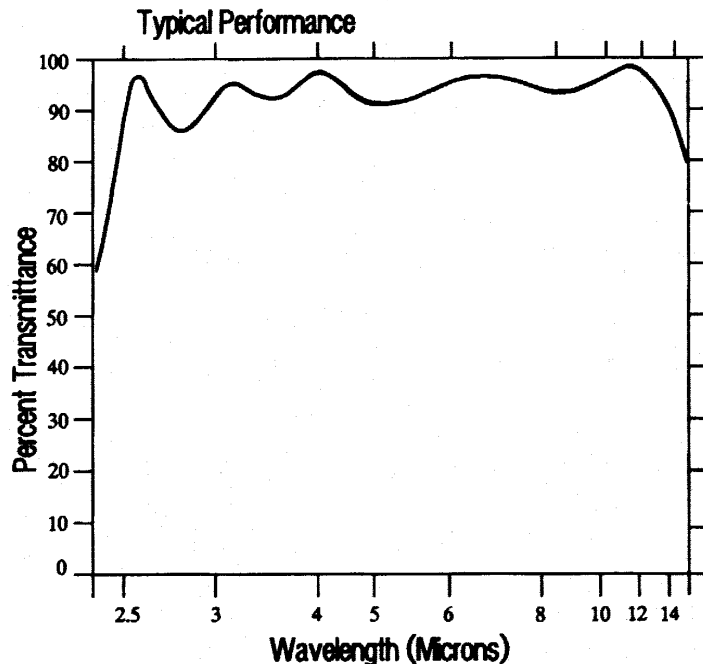
**Quality Standards**

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



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 951-926-7666 or [sales@exotic-eo.com](mailto:sales@exotic-eo.com).

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