

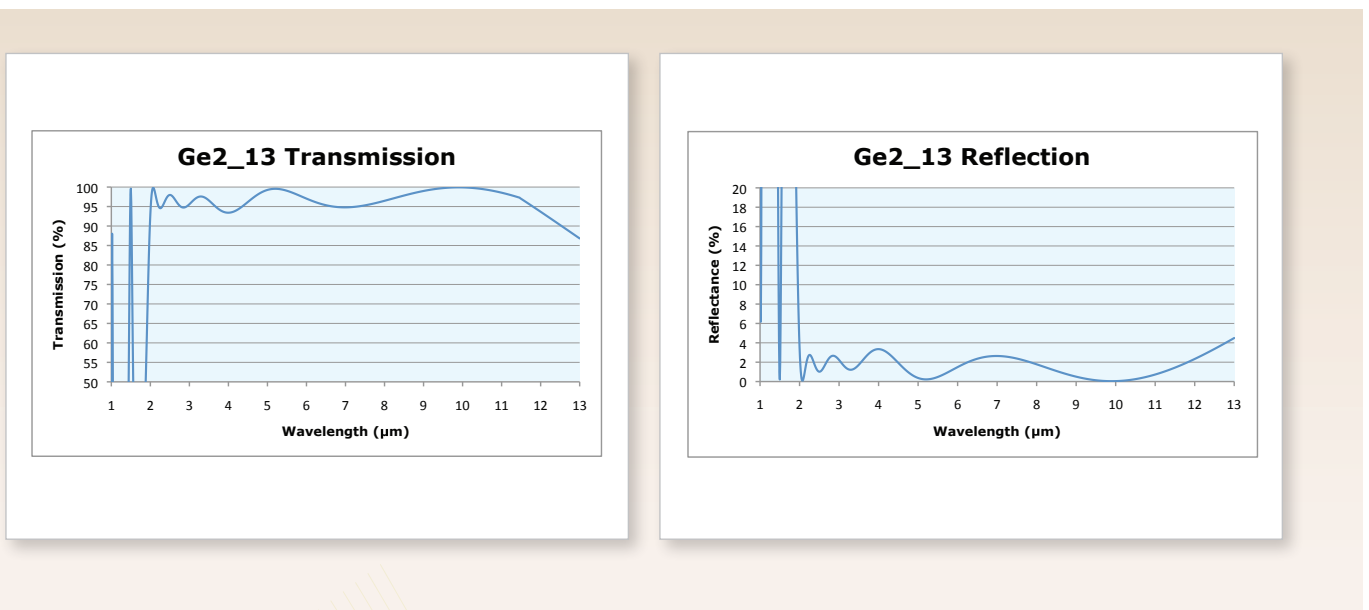
data sheet



Process GE213

This coating is a wide band anti reflection coating on Germanium covering the 2-13 μm range. It does not contain any radioactive materials. It is ideal for general infra red spectroscopy applications and for dual band 3-5 and 8-12 μm systems.

Spectral Performance



T>94% ave for 2-13 μm
(coated both sides on a 1mm thick witness)

R< 4% ave for 2-12 μm
R< 3% ave for 3-5 μm
R< 2% ave for 8-12 μm
(per surface)

Environmental Testing

This coating will pass the following tests.

Tape Adhesion	Ref MIL-C-48497 paragraph 4.5.3.1
Humidity (24 Hrs)	Ref MIL-C-48497 paragraph 4.5.3.2
Abrasion (Cheesecloth)	Ref MIL-C-48497 paragraph 4.5.3.3

The coating can also be cleaned with standard solvents such as IPA and acetone with no affect on performance.

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Vortex reserves the right to amend or withdraw specifications without prior notice