

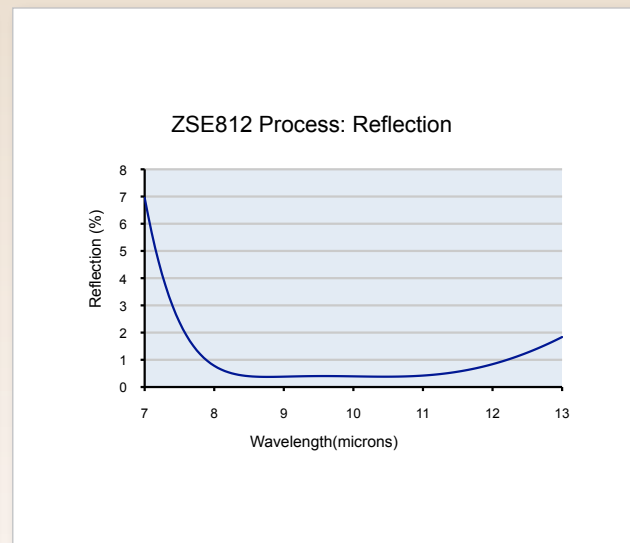
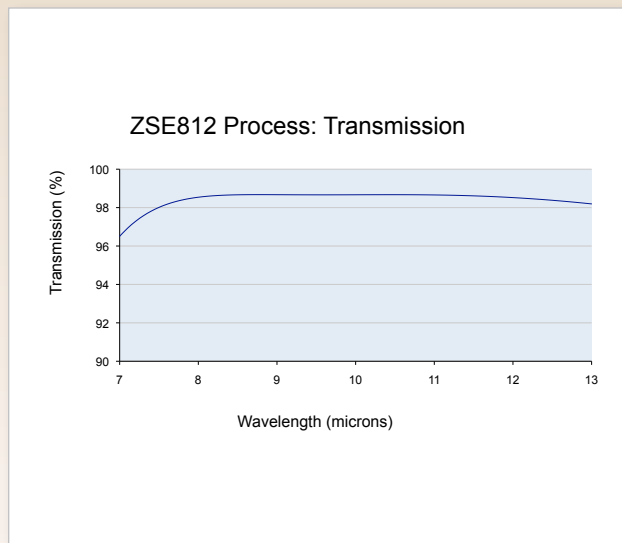
# data sheet



## Process ZSE812

This coating is a high efficiency anti reflection coating on Zinc Selenide covering the 8-12  $\mu\text{m}$  range. It does not contain any radioactive materials.

### Spectral Performance



T>98% Ave 7.5-11.5  $\mu\text{m}$   
(coated both sides on a 1mm thick witness)

R< 0.9% for 7.5-8.0  $\mu\text{m}$   
R<0.3% for 8-11.5 $\mu\text{m}$   
R<1.3% for 11.5-12.3  $\mu\text{m}$   
(per surface)

### Environmental Testing

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