

CO 2609 GASIR™ 8-12

High efficiency antireflection coating
on GASIR™
8 - 12 μm

DESCRIPTION

This coating is designed for internal surface (I.S.) applications and offers maximum transmission combined with minimum reflection. Typically used in thermal imaging systems. This coating does not contain any radioactive materials.

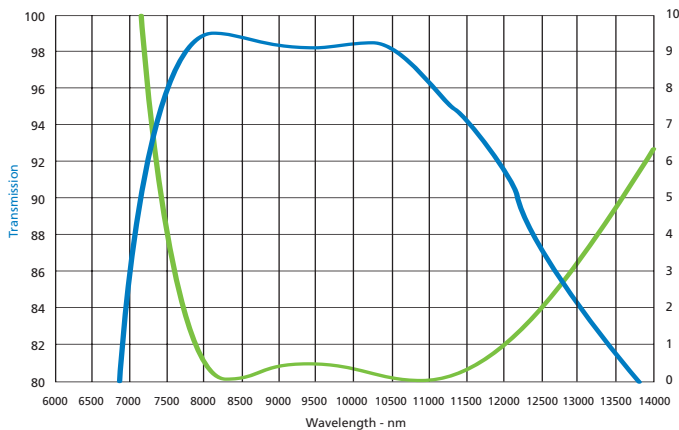
SPECTRAL PERFORMANCE

Transmission values are for a 1 mm thick GASIR™ substrate which has been coated on both surfaces with CO 2609
TRANSMISSION > 97.5% (average) for 7.5 to 11.5 microns
TRANSMISSION > 91.0% (average) for 11.5 to 12.3 microns

Reflection values are from a single GASIR™ surface coated with CO 2609
REFLECTION < 0.4% (average) for 8.0 to 12.0 microns

ENVIRONMENTAL PERFORMANCE

This coating will withstand the following environmental tests which will be carried out on a representative witness piece coated in the same batch.



ADHESION	MIL-C-48497 TS1888	para 4.5.3.1 para 5.1
HUMIDITY	MIL-C-48497 TS1888	para 4.5.3.2 para 5.2.1.2
ABRASION	MIL-C-48497 TS1888	para 4.5.3.3 para 5.4.1