

Dual Band Gold

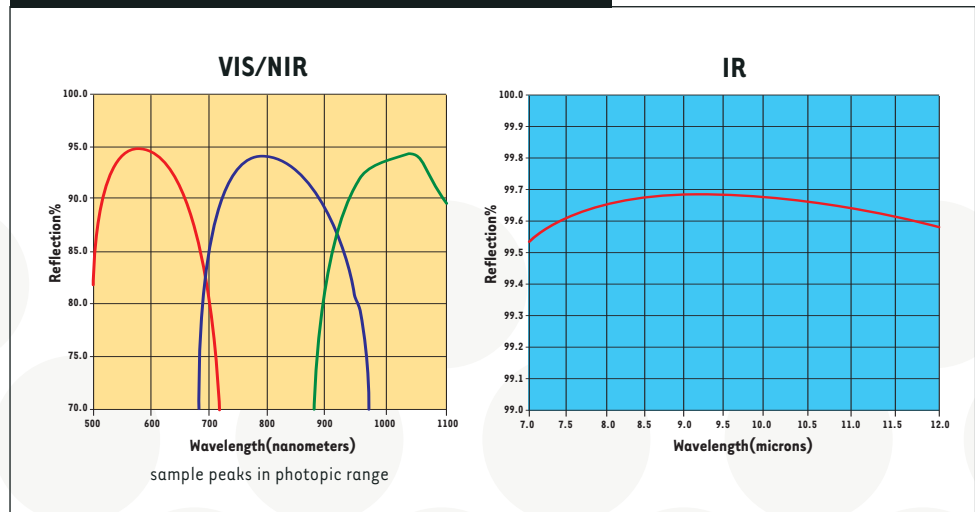
GENERAL

EMF dual band gold coatings are ideal for high reflectance applications where both long wavelength infrared and visible/NIR are important.

FEATURES

- Meets adhesion, moderate abrasion, temperature and humidity requirements of MIL-PRF-13830.
- Low temperature process suitable for lightweight, high precision, military/aerospace optical substrates, e.g. nickel-plated aluminum and beryllium substrates.
- Substrate sizes up to 16 inches.
- In-house capability to measure long wavelength infrared spectra using Perkin-Elmer 983[®] spectrophotometer and NPL reflectance standard.

SPECTROMETRIC CHARACTERISTICS



SPECIFICATIONS

Wavelength	AOI	Reflectance
7 to 12 microns	0 to 30°	> 99% avg
Optimized for any 200nm band in 500 to 1100 nm range	0 to 30°	> 90% avg