

EMF

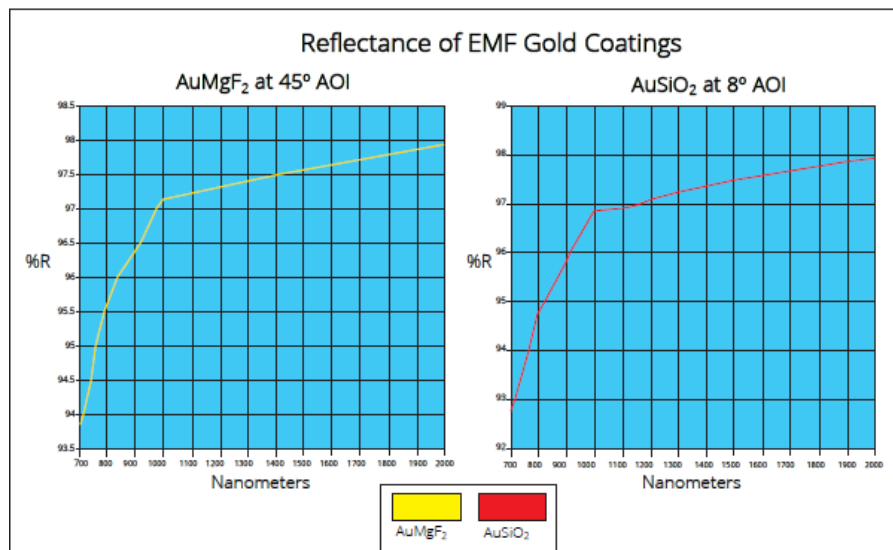
Gold Coatings



EMF's gold coatings are ideal for high reflectance applications in the NIR and IR regions.

- Meets Mil-M-13508C adhesion, abrasion, temperature and humidity specifications
- Suitable for glass, plastic, nickel-plated aluminum and beryllium substrates
- Substrate sizes up to 40"
- Low temperature process available for heat-sensitive substrates
- IAD available for enhanced durability
- AuMgF_2 good for far infrared at 45° AOI

SPECTROMETRIC CHARACTERISTICS



SPECIFICATIONS

| Product # | Name | Reflectance | Wavelength | AOI |
|--------------------|------------------------------------|-------------|-------------|-----|
| AuMgF ₂ | Protected Gold (high-temp process) | >97% avg | 700-2000 nm | 45° |
| AuSiO | Protected Gold (low-temp process) | >97% avg | 700-2000 nm | 8° |