

Broadband Antireflection Coatings

GENERAL

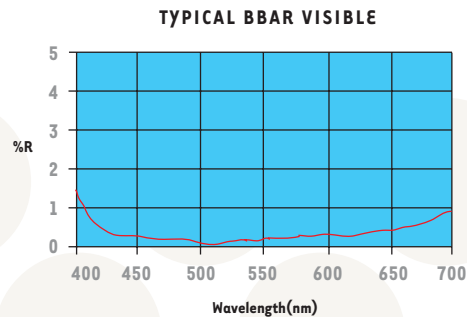
EMF's broadband antireflection coatings are multi-layer dielectric coatings that improve the transmission and minimize the front surface reflectivity of glass and other substrates including plastics.

FEATURES

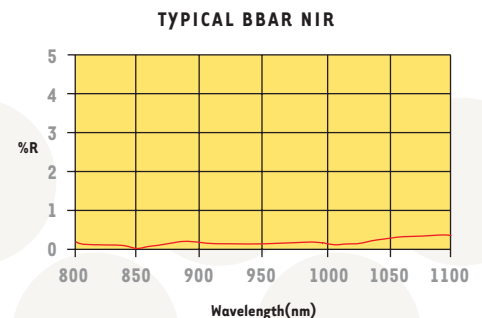
- Reduced reflectivity by over 85% to < 0.5%
- Withstands eraser, tape, and humidity tests
- Exceeds specifications of:
MIL-C-675C,
MIL-C-14806A, and
MIL-C-48497A
- Can be cleaned with water, alcohol, acetone or detergent

SPECTROMETRIC CHARACTERISTICS

Visible BBAR, 0° AOI:



Near infra-red BBAR, 0° AOI:



Available in three standard wavelength ranges:

Standard Visible:

425-675 nm
R<0.5% average, 0° AOI
R<1.0% average, 45° AOI

High Efficiency Visible:

400-700 nm
R<0.5% average, 0° AOI
R<1.0% average, 45° AOI

Near Infra-red:

800-1100 nm
R<0.25% average, 0° AOI
R<0.75% average, 45° AOI

Values stated are for glass substrates. Other substrates, wavelength ranges, incidence angles, and reflectivities available upon request.

Custom design services available. Please call our sales department at 800-456-7070 to discuss your application.