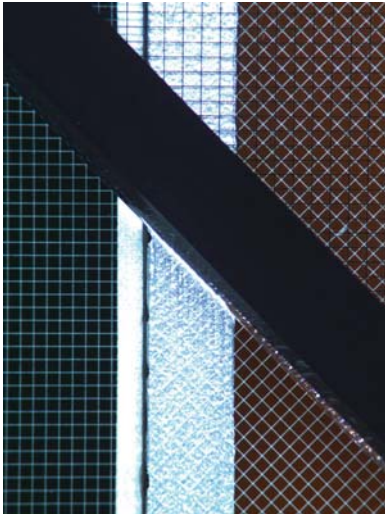




EMIC³ OPTICAL FILTER



Various EMIC³ Filters

A high level of electromagnetic interference protection is required for critical equipment where optical compromise is not acceptable.

Wamco's EMIC³ filter offers a unique shielding technology with precise geometrical accuracy alleviating moiré effects. The unique conductive materials finish results in nearly invisible lines and a minimal reflection. It is perfectly suited for excellent sunlight readability. This novel technique allows for direct application of the material on any glass substrates.

The material chemistry is perfectly compatible with various types of thin film coatings and adds versatility to your specific optical requirements.

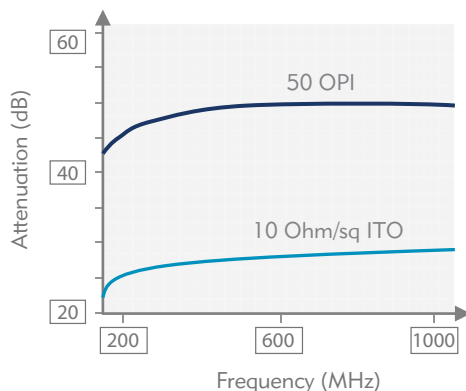
This unique technology is also compatible with Wamco's existing lamination process offering

TECHNICAL INFORMATION

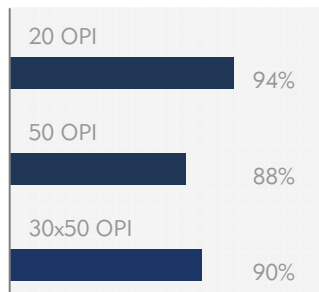
- Sizes up to 20"x15"
- Line width of 0.0012"
- Various electrical terminations
- Standard thickness of 0.9, 1.1, 1.6 and 2.3 mm
- Conductor specular reflection <0.2%, diffuse <0.1%
- Anti-reflection, anti-glare and custom thin film coatings



TYPICAL ATTENUATION



TYPICAL VISIBLE LIGHT TRANSMISSION



FEATURES

- Very high visible transmission
- High level of attenuation
- Low reflection finish <0.2%
- Micro precision alleviates moiré effect
- Standard and custom patterns
- Chemical compatibility with additional thin film coatings
- Compatible with surface bonding process
- Qualified to MIL-STD-810 environmental requirements

APPLICATIONS

- Industrial displays and windows
- Medical displays
- Military portable devices
- Avionics Displays
- High precision heater glass

OPTICAL PRODUCTS
BY WAMCO