

## Key Features

- High optical transparency
- Low specular reflection
- Index matched to air, glass and adhesives
- Highly durable coating
- Wide range of sheet resistance

## Applications

- Avionics displays
- Ruggedized displays
- Industrial displays
- Test & measurement equipment
- Handheld instruments

MAC Thin Films index matched ITO coatings offer superior EMI/RFI shielding and unsurpassed optical transmission for use on a wide variety of display applications.

We offer a wide range of ITO coatings ranging from  $<100$  ohms/sq. to  $\leq 0.25$  ohms.sq. All designs can be index matched to suit your specific design needs. Used in conjunction with our HEA<sup>®</sup> or LCD heater coatings, these filters can be customized with a variety of substrates to achieve outstanding electro-optical performance at a competitive price.

Our complete production facility can support your optical filter requirements through the design, proto-type phase with fabrication, bus bar and screen print applications, then scale for your production demands

# ITO Coatings for EMI / RFI Shielding

Environmentally Tested Per  
MIL-C-675C & MIL-C-14806A

- 24 hour humidity
- Adhesion: Snap tape
- Abrasion: 20 eraser rub
- Salt solubility
- Temperature resistance

## Product Configurations

### Substrates:

Clear soda lime float glass  
Corning Eagle XG  
Schott Boro33™

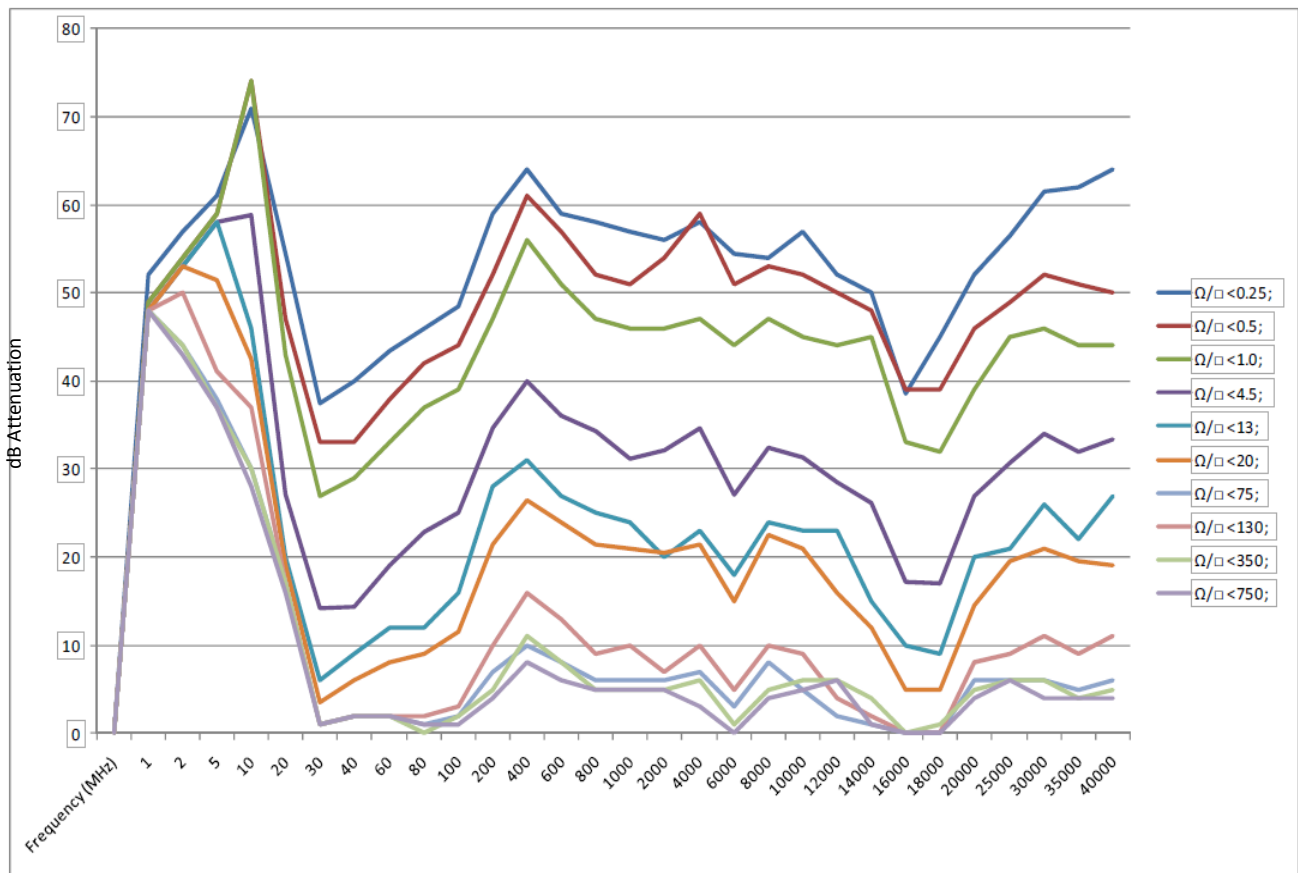
### Thickness ranges :

0.7mm to 6mm

### Tolerancing:

L x W: (0.7-1.9mm) +/-0.38mm

L x W: (2.3-5mm) +/-0.5mm



EMI testing was completed using the IEEE STD 299 Standard Test Method for Electromagnetic Shielding Effectiveness of Shielding Enclosures.

**For ordering or additional product information, please contact us.  
[www.macthinfilms.com](http://www.macthinfilms.com)**

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