

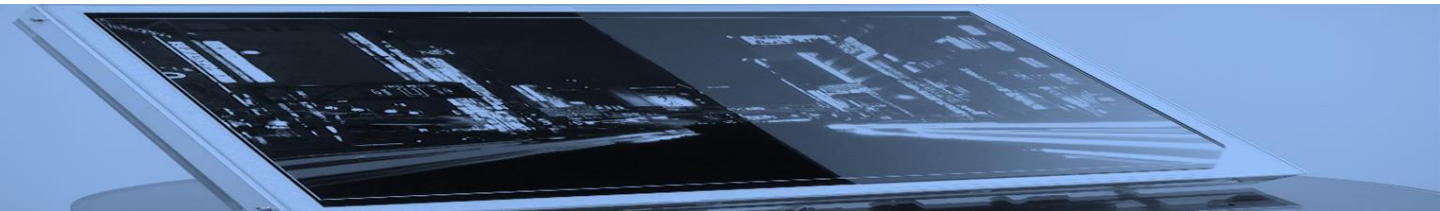


# EMI-AG Conductive Film

This specification defines the requirements for EMI-AG conductive film in both the 4 and 12 ohms/sq versions.

## Product format

|                                                                          | AG4       | AG12       |
|--------------------------------------------------------------------------|-----------|------------|
| Surface resistance                                                       | 4 ohms/sq | 12 ohms/sq |
| Base film                                                                | 125µm     | 125µm      |
| Optional optically clear pressure sensitive adhesive                     | 100µm     | 100µm      |
| Visible light transmission @ 550 nm                                      | <82%      | <86%       |
| Color b*                                                                 | 5.0       | 4.0        |
| Haze                                                                     | 0.50%     | 0.50%      |
| Specular Reflectivity (30°)<br>Conductive coating/Air interface          | 5.05%     | 0.80%      |
| Diffuse Reflectivity (30°)<br>Conductive coating/Air interface           | 0.19%     | 0.16%      |
| Specular Reflectivity (30°)<br>Conductive coating/Optical bond interface | 11.44%    | 2.20%      |
| Diffuse Reflectivity (30°)<br>Conductive coating/Optical bond interface  | 0.63%     | 0.20%      |

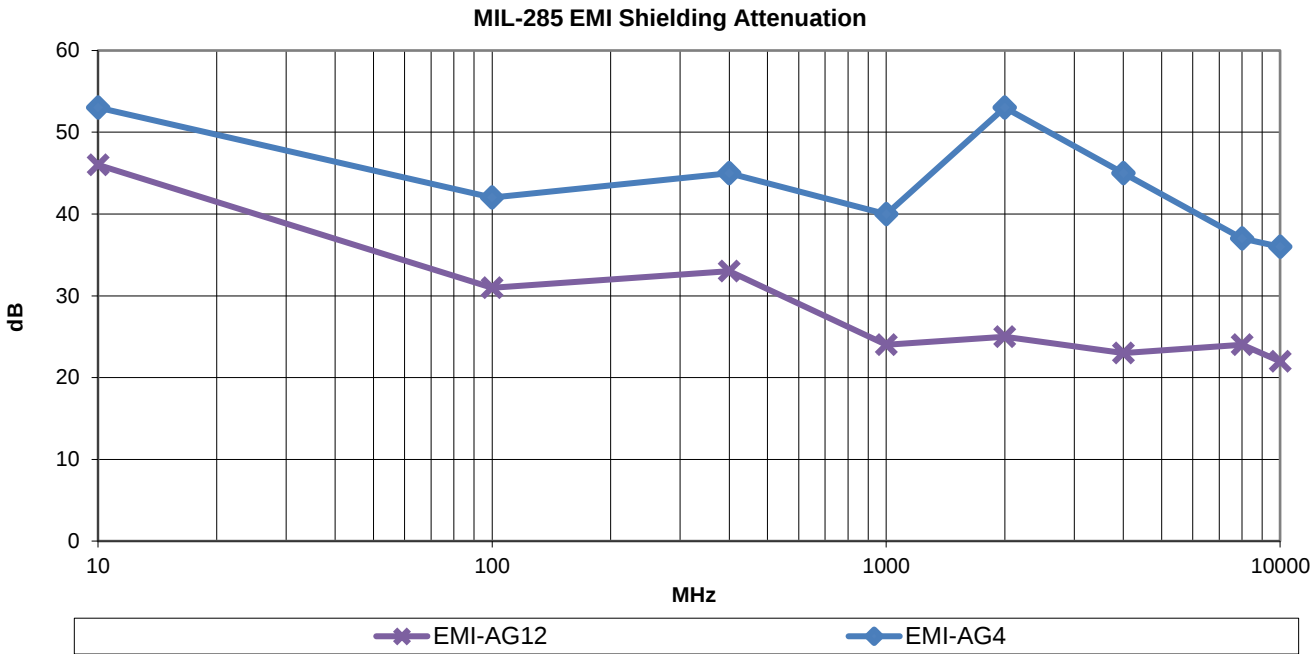




Termination method

Direct contact can be made to the conductive surface by a suitable conductive fabric over foam gasket, silver loaded silicone gasket or by using a copper, aluminium or tinned copper tape.

8.0 Shielding effectiveness



Standard sizes

| Product Code           | Dimensions                     | Rolls/Sheets                 |
|------------------------|--------------------------------|------------------------------|
| SCA-PET-AG12-200X0.75M | 750mm (29.5") x 200m (656ft)   | 150 sq/mtr (1614 sq/ft) roll |
| SCA-PET-AG12-1000X750  | 1000mm (39.4") x 750mm (29.5") | sheet                        |
| SCA-PET-AG12-500X750   | 500mm (19.7") x 750mm (29.5")  | sheet                        |
| SCA-PET-AG12-A4        | 210mm (8.25") x 297m (11.7)    | sheet                        |
| SCA-PET-AG4-500X750    | 500mm (19.7") x 750mm (29.5")  | sheet                        |
| SCA-PET-AG4-A4         | 210mm (8.25") x 297m (11.7)    | sheet                        |

