

TRANSPARENT SHIELDING FOIL 9900

Transparent EMI/RFI-shielding foil



Transparent shielding foil with specialty of one side conductive meanwhile optical transmittance, is widely used for applications of EL panel, LCD EMI shielding, touch screen, flexible solar cell etc.

Transparent EMI/RFI-shielding foil 9900 series is a polyester film with a transparent conductive coating. The foil provides excellent electric and electromagnetic shielding of 40-70 dB at 10 kHz to 300 Mhz and 25-40 dB from 300 MHz to 22 Ghz.

In addition to EMI/RFI/EMC shielding it is also used for grounding and static discharge applications. Typical applications are transparent shielding panels for visual displays in instrumentation equipment, control panels and computers. The light transmission is 65-95%, depending on the electrical conductivity (20-5 Ohm/sq).

Due to its transparency, Transparent EMI/RFI-shielding foil 9900 series is the optimal choice for optical clarity.

For TEMPEST sites or radar/telecom protection, large dimensions are available.

If you have a drawing of a specific shape you require, please send it to info@hollandshielding.com for a quotation.

APPLICATIONS

- Transparent shielding foil for LED glass
- Transparent conductive layer for transmitting electron
- Transparent shielding foil for capacity touch key
- ITO Film with high light transmittance is used as the transparent conductive layer for transmitting electron

OPTIONS

- Finished with silver busbar
- Copper grounding contact
- Conductive self-adhesive
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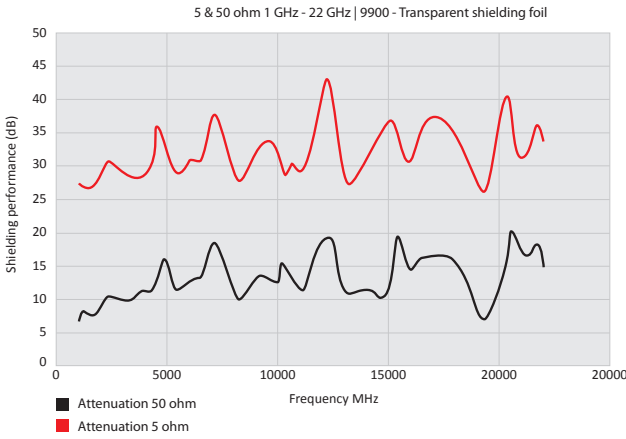
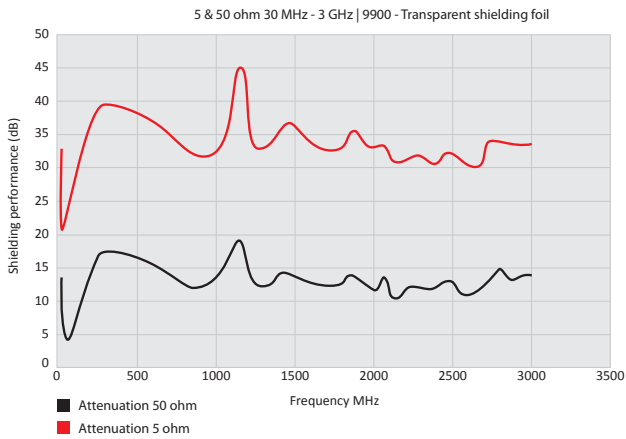
TECHNICAL DETAILS

- Shielding effectiveness 25- 70 dB (10 kHz – 22 GHz) 5Ω/□ & 50Ω/□
- Light transmission 65-95%
- Foil thickness 0.17mm
- Commonly used for displays, medical, military, general electronics
- Maximum sheet/roll width 1220mm

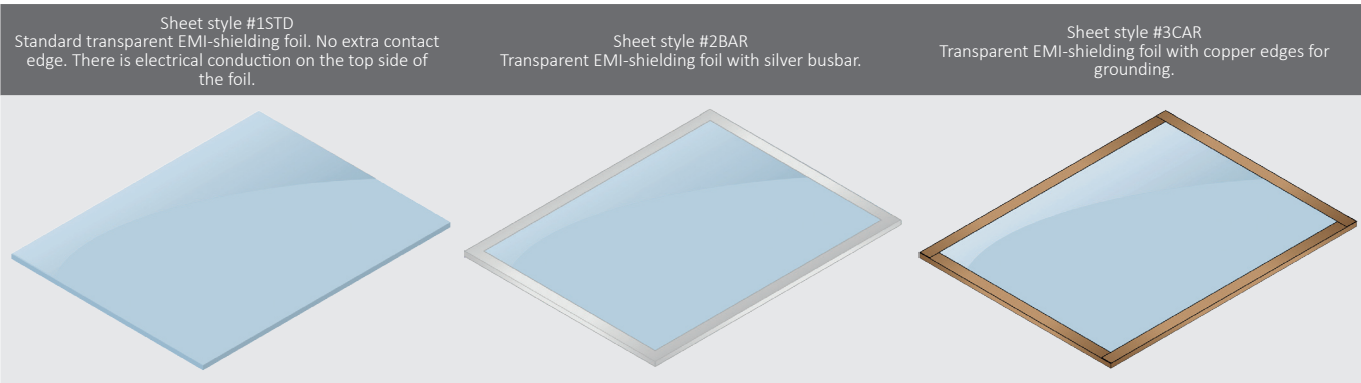


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SHIELDING PERFORMANCE* (DB)



SHEET STYLES



MOUNTING

A connection can be made between the conductive side of the Transparent EMI/RFI-shielding foil 9900 series and a conductive mounting surface of the construction with Shielded tape 3201 or it can be clamp mounted with Ultra soft shield 7400.

Please note: These values are measured under laboratory conditions. Results may vary in other situations. Please read our Guarantee.

* For high shielding performance, see Mesh foil 9000 series or Ready mesh foil windows 9700 series.

ORDER EXAMPLE

Series	Width (mm)	Height (mm)	Adhesive	Sheet style
9900	Width of the visible area in mm	Height of the visible area in mm	01 : Self-adhesive 02 : Without self-adhesive	#1STD : Standard transparent foil #2BAR : Finished with silver busbar #3CAR : With copper grounding contact

***Notice**
Information supplied in these data sheets is based on independent and laboratory tests which Holland Shielding Systems BV, hereafter referred to as HSS believes to be reliable. HSS has no control over the design of customer's product which incorporates products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

The product described in this data sheet shall be of standard quality, however the products are sold without warranty of fitness for a particular purpose, either expressed or implied, except to the extent expressly stated on HSS invoice, quotation or order acknowledgment. HSS does not warrant that products described in this data sheet will be free of conflict with existing or future patents of third parties. All risks of lack of fitness, patent infringement and the like are assumed by the user.