

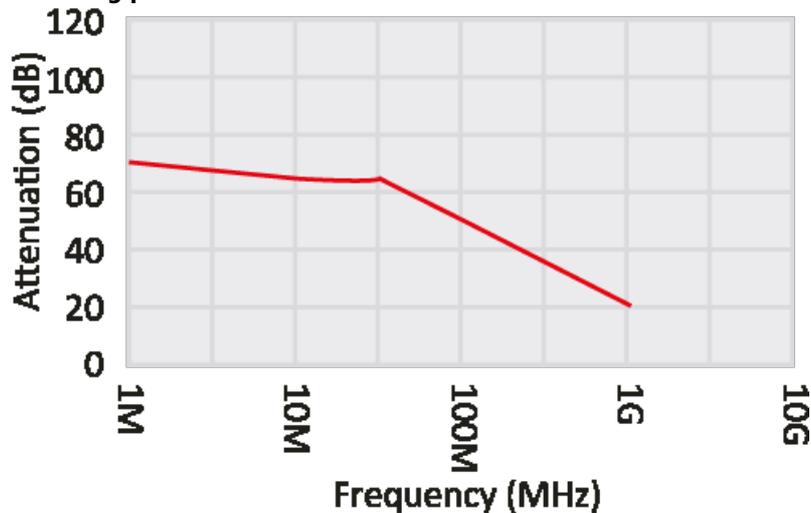
## 9910 - Transparent EMI / RFI shielding foil windows

Transparent EMI / RFI shielding foil windows 9910 series is a strong polyester film with a layer of transparent conductive coating from our 9900 series transparent shielding foil laminated on one side of a single glass or plastic window.

Transparent EMI / RFI shielding foil 9910 series can also be delivered laminated on your window, when you hand us your window or on a new window made of:

- polycarbonate (**material code P**)
- acrylic (**material code A**)
- glass (**material code G**)

### Shielding performance



### Shielding performance Transparent EMI / RFI shielding foil

These values are measured under laboratory conditions. In your situation results may differ, please read our Guarantee.

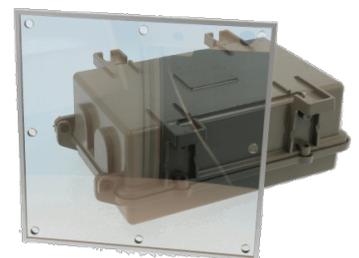
\*For high shielding performance transparent shielding solutions see Mesh foil 9000 series or Readymade mesh foil windows 9700 series.



The large window on the left is a 9700 series mesh foil window. The two smaller windows on the right are 9910 series Transparent foil shielding windows. As can be seen, the transparency is at 9910 series Transparent shielding foil windows higher.



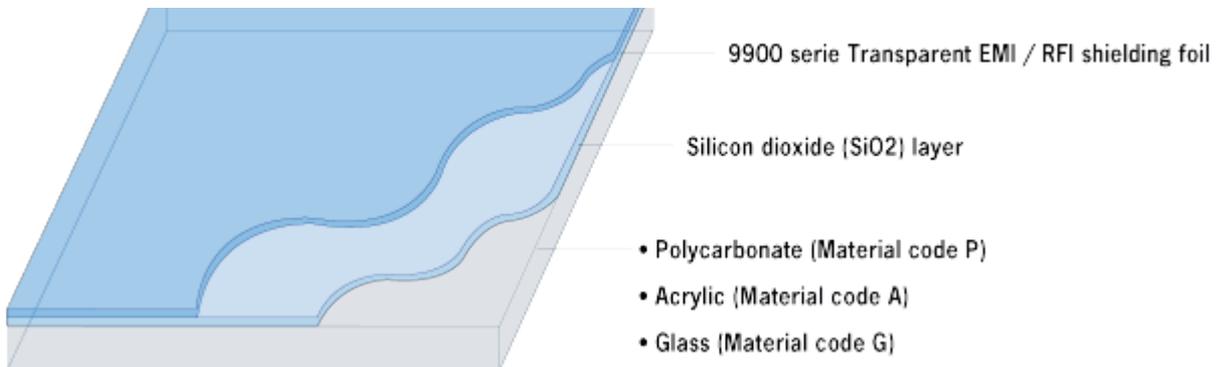
Example image of 9910 Series Transparent EMI / RFI shielding foil window with a silver bushbar and mounting holes according customer drawing



9910 series Transparent foil shielding windows are very transparent and therefore suitable for applications where transparency plays an important role

## 9910 - Transparent EMI / RFI shielding foil windows

### Technical drawing



*Technical drawing of the construction in layers of the 9910 series Transparent EMI shielding foil windows*

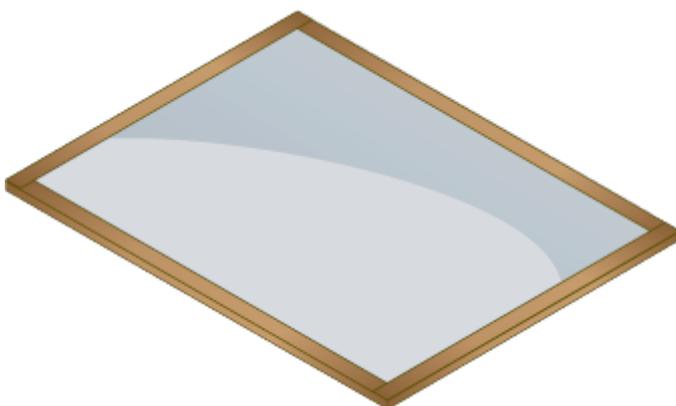
### Contact edges



*EMI/RFI shielded glass 9600 serie conductive side drawing*

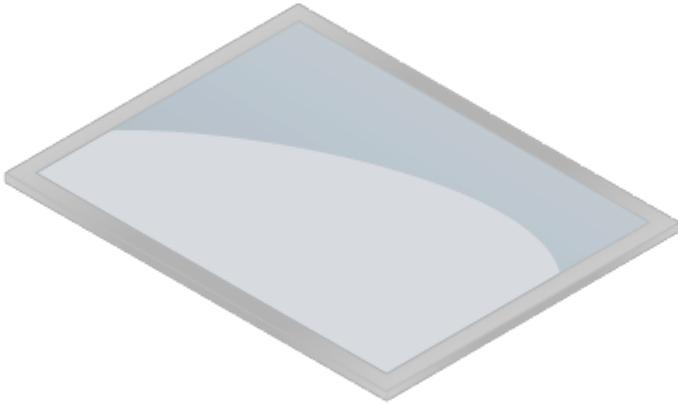
**Transparent EMI / RFI shielding foil window 9910** series is conductive on one side. If you want to make a connection to the bottom/other side of the window which is not conductive than a contact edge is needed. The windows can also be supplied complete with aluminum frame for easy mounting in Faraday cages and MRI rooms.

Below are the contact edge options where a 9910 series Transparent EMI shielding window can be provided with.

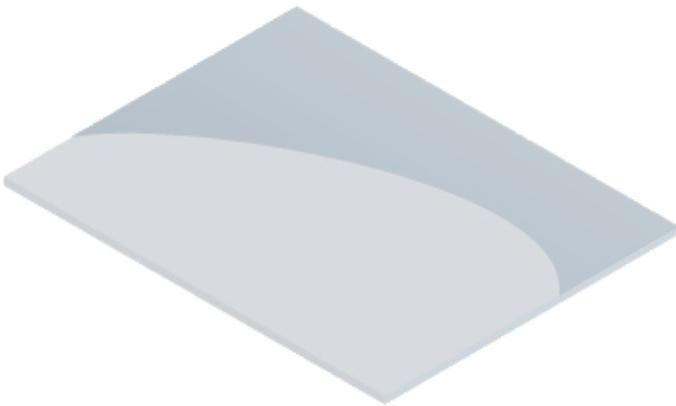


*(C) With copper edges for grounding*

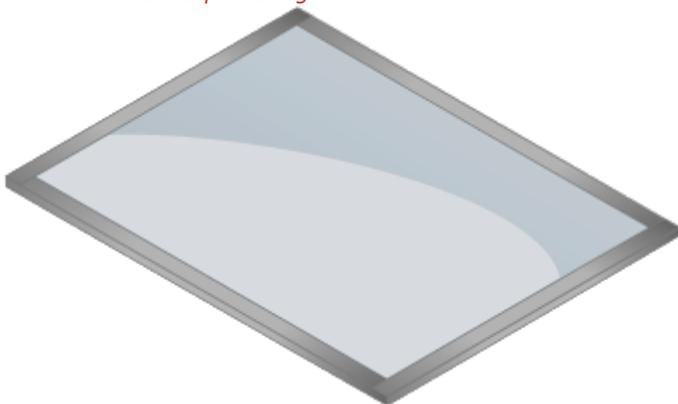
## 9910 - Transparent EMI / RFI shielding foil windows



*(S) With silver busbar*

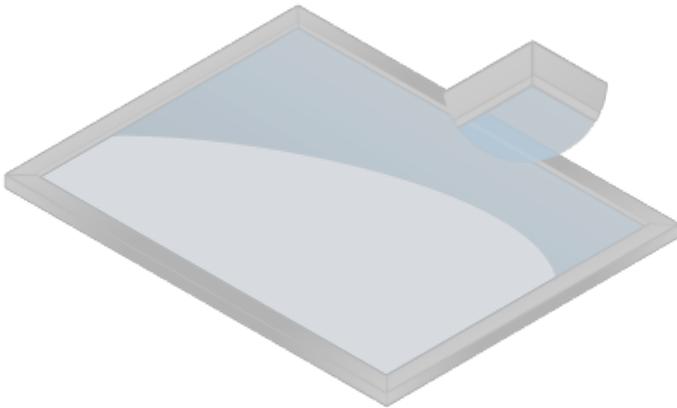


*(N) No extra contact edge. You will still have an electrical conduction on the top of the glass.*



*(TC) With tinned copper edges for easy soldering and grounding*

## 9910 - Transparent EMI / RFI shielding foil windows



*(F) With aluminum frame for shielded enclosures, Faraday cages and MRI rooms*

### Mounting

Connection from the conductive side of the Transparent EMI / RFI shielding foil 9900 series to a conductive mounting surface of the construction can be made with shielded tape 3201 series or clamp mounted with ultra soft shield 7400 series.

**Please note** : top layer can be affected by acid for example from the skin. To protect the conductive layer, you can apply a transparent film or use the non-conductive side on top.

Small optical defects are allowed in this product. If you require a product that has absolutely no optical defect then contact us for the "superior selected quality". Please realize that by the extreme caution act in production these products can be several times more expensive.

Series	Width (mm)	Length (mm)	Window material	Thickness (mm)	Contact edge
9910	Width of the visible area in mm. So without a possible contact edge.	Length of the visible area in mm. So without a possible contact edge.	<b>Select an option:</b> P : Polycarbonate A : Acrylic G : Glass	Specify the thickness of the window in mm	<b>Select an option:</b> C : Copper TC : Tinned copper F : With frame S : Silver bushbar M : Flying mesh N : No contact edge