Shielding Window Films

High Frequency Shielding Window Films for glass surfaces

Precious-metal coated and self-adhesive films for the protection of windows and glass surfaces against high-frequency radiation (HF). Only for indoor application on non-heat-absorbing glass.

Our recommendations:
- **RDF50-Standard** with a perfect ratio of price to light transmission and attentuation.
- **RDF72-Premium** is our premium film consisting of 12 metal layers for highest level radiation shielding. Unrivaled attentuation and a very high degree of light transmission (once applied, glass appears clear and the fractional tint is barely noticeable).

**HF/ Shielding window film RDF 63/ 1 lineal metre**
Attentuation 20 dB (99 % shielding effectiveness), 63 % light transmission.
Only recommended when radiation is low.

**HF/ Shielding window film RDF 50 - Standard / 1 Lineal metre**
Attentuation 30 dB (99.9 % shielding effectiveness), 50 % light transmission.
Perfect ratio of price to light transmission and attentuation.

**HF/ Shielding window film RDF 22 / 1 lineal metre**
Attentuation 33 dB (99.95 % shielding effectiveness), 22 % light transmission.
Good price-performance ratio, low degree of light transmission.

**HF/ Shielding window film RDF 72 - Premium / 1 lineal metre**
Attentuation 34 dB (99.96 % shielding effectiveness), 72 % light transmission.
Premium-foil consisting of 12 metal layers for highest level radiation shielding with an unrivaled attentuation and a very high degree of light transmission.

Customer Services: 03 5988 6238 Email: contact@emrshieldingsolutions.com.au Post: EMR Shielding Solutions P.O.Box 3128, Auburn, Victoria 3123
This product can be ordered in measurements of 1 linear metre or more. This product is cut off a large roll of film according to customer specifications and product returns are not possible.

Precious-metal coated and self-adhesive film for shielding of windows and glass surfaces from high-frequency radiation (HF). Only for indoor application on non-heat-absorbing glass. Only recommended when radiation is low.

Technical data:
- **Width**: 152 cm.
- **Length**: Linear metre.
- **Attenuation 20 dB** (99 % shielding effectiveness) at 1 GHz, see diagram for all frequencies in the image above. Attenuation certified by Prof. Dipl.-Ing. P. Pauli of the University of the German Federal Armed Forces in Munich, Germany according MIL-STD 285 and IEEE-Standard 299-1997.
- **Light transmission**: 63 %
- **Color of daylight**: Gray.
- **Installation**: Water-activated, pressure-sensitive adhesive to the back.
- **Material thickness**: 37,5 µm.

Only for indoor application on non heat absorbing glass surfaces. Heat-absorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window film, multi-reflections may occur. The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. We recommend checking the type of glass in advance.

We recommended you use the following products for installation:
Alternatively contact us for a quote for our expert installers to install the window film for you.

**Mounting Concentrate**
FMK30 / 30ml
Installation concentrate for wet bonding. 30 ml for 0.5 liter water.

**Plastic Scraper**
FVR10 / 10cms
Plastic scraper 10 cm with felt edge for a bubble-free bonding of windowpanes on glass surfaces.
This product can be ordered in measurements of 1 linear meter or more. This product is cut off a large roll of film according to customer specifications and product returns are not possible.

Precious-metal coated and self-adhesive film for shielding of windows and glass surfaces from high-frequency radiation (HF). Only for indoor application on non-heat-absorbing glass.

Perfect ratio of price to light transmission and attenuation.

Technical data:

- **Width:** 152 cm.
- **Length:** Linear metre.
- **Attenuation 30 dB** (99.9 % shielding effectiveness) at 1 GHz, see diagram for all frequencies in the image above. Attenuation certified by Prof. Dipl.-Ing. P. Pauli of the University of the German Federal Armed Forces in Munich, Germany according MIL-STD 285 and IEEE-Standard 299-1997.
- **Light transmission:** 50 %
- Color of daylight: Gray.
- Indoor application, predominantly on glass surfaces but also on doors and other level surfaces.
- Installation: Water-activated, pressure-sensitive adhesive to the back.
- Material thickness: 37.5 µm.

Only for indoor application on non heat absorbing glass surfaces. Heat-absorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window film, multi-reflections may occur. The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. We recommend checking the type of glass in advance.

We recommended you use the following products for installation:

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This product can be ordered in measurements of 1 linear meter or more. This product is cut off a large roll of film according to customer specifications and product returns are not possible.

Precious- metal coated and self- adhesive film for shielding of windows and glass surfaces from high-frequency radiation (HF). Only for indoor application on non heat-absorbing glass.

Good price– performance ratio, low degree of light transmission.

Technical data:
• Width: 152 cm.
• Length: Linear metre.
• Attenuation 33 dB (99.95 % shielding effectiveness) at 1 GHz, see diagram for all frequencies in the image above. Attenuation certified by Prof. Dipl.-Ing. P. Pauli of the University of the German Federal Armed Forces in Munich, Germany according MIL-STD 285 and IEEE-Standard 299-1997.
• Light transmission: 22 %
• Color of daylight: Dark gray.
• Indoor application, predominantly on glass surfaces but also on doors and other level surfaces.
• Installation: Water-activated, pressure-sensitive adhesive to the back.
• Material thickness: 37.5 μm.

Only for indoor application on non heat absorbing glass surfaces. Heat-absorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window film, multi-reflections may occur. The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. We recommend checking the type of glass in advance.

We recommended you use the following products for installation:
Alternatively contact us for a quote for our expert installers to install the window film for you.

Mounting Concentrate
FMK30 / 30ml
Installation concentrate for wet bonding. 30 ml for 0.5 liter water.

Plastic Scraper
FVR10 / 10cms
Plastic scraper 10 cm with felt edge for a bubble-free bonding of windowpanes on glass surfaces.

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High Frequency Shielding Window Film RDF72– Premium / 1 lineal metre

This product can be ordered in measurements of 1 linear metre or more. This product is cut off a large roll of film according to customer specifications and product returns are not possible.

Precious-metal coated and self-adhesive film for shielding of windows and glass surfaces from high-frequency radiation (HF). Only for indoor application on non heat-absorbing glass.

Our recommendation: premium film consisting of 12 metal layers, offering unrivalled attenuation and a very high degree of light transmission.

Technical data:
• Width: 152 cm.
• Length: Linear metre.
• Attenuation 34 dB (99.96 % shielding effectiveness) at 1 GHz, see diagram for all frequencies in the image above. Attenuation certified by Prof. Dipl.-Ing. P. Pauli of the University of the German Federal Armed Forces in Munich, Germany according MIL-STD 285 and IEEE-Standard 299-1997.
• Light transmission: 72 %
• Color of daylight: Very light green
• Indoor application, predominantly on glass surfaces but also on doors and other level surfaces.
• Installation: Water-activated, pressure-sensitive adhesive to the back.
• Material thickness: 75 µm.

Only for indoor application on non heat absorbing glass surfaces. Heat-absorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window film, multi-reflections may occur. The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. We recommend checking the type of glass in advance.

We recommended you use the following products for installation:
Alternatively contact us for a quote for our expert installers to install the window film for you.

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