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).

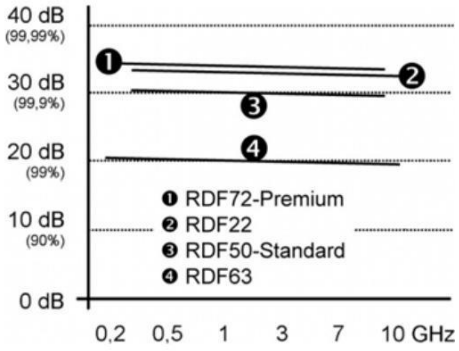
HF/ Shielding window film RDF 63/ 1 lineal metre
Attentuation 20 dB (99 % shielding effectiveness), **63 % light transmission**.
Only recommended when radiation is low.

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.

High Frequency Shielding Window Film RDF63 / 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. **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.
- 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.

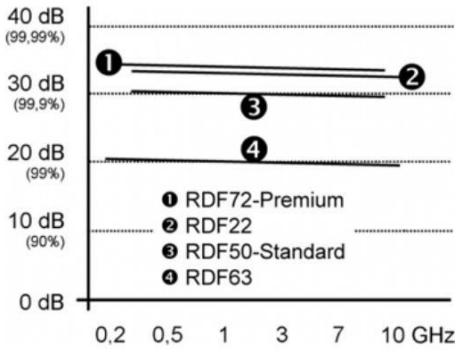
We recommended you use the following products for installation:

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.

High Frequency Shielding Window Film RDF50– Standard / 1 lineal metre



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 attentuation.

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.

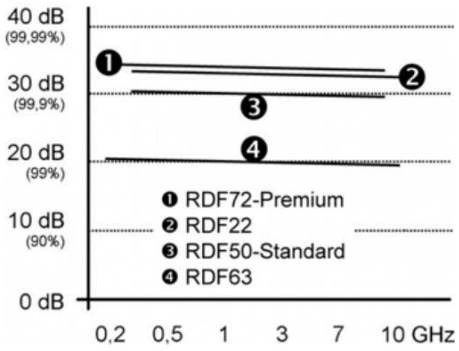
We recommended you use the following products for installation:

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.

High Frequency Shielding Window Film RDF22 / 1 lineal metre



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 im-age 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.

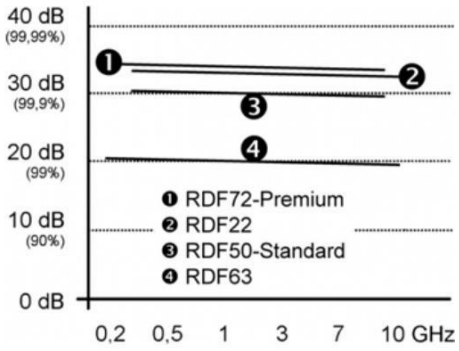
We recommended you use the following products for installation:

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.

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:

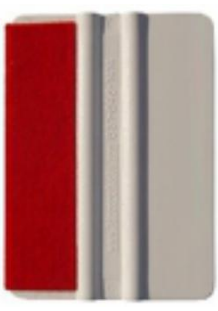
- **Width:** 152 cm**.**
- **Length:** Linear metre**.**
- **Attenuation 34 dB** (99.96 % shielding effectiveness) at 1 GHz, see diagram for all frequencies in the im-age above. Attenuation certified by Prof. Dipl.-Ing. P. Pauli of the University of the German Federal Armed Forces in Munich, Germany 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.

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.

Edge Sealant FKV50 / 50ml
Strictly required edge sealing for our window foil RDF72-Premium

Customer Services: 03 5988 6238 Email: contact@emrshieldingsolutions.com.au Post: EMR Shielding Solutions P.O.Box 3128, Auburn, Victoria 3123