# YSHIELD® RDF62 | Window film | Width 76 cm | 1 meter

Window film with 62 % light transmission in bright gray. Attenuation 18 dB. Indoor application on non heat absorbing glass surfaces.





Window fi 600 MHz		Screening attenuation	▼10 GHz	▼15 GHz	40 GHz
-10 dB					
	● 18 dB				
-20 dB					
-30 dB					
-40 dB					
-50 dB					
-60 dB					
-70 dB					
-80 dB					
-90 dB					
-100 dB			0)	SHIELD Gmbl	8 Co KG
	GSM / UMTS LTE				
	5G				5G

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#### **Properties**

**Precious metal coated and self-adhesive special window film** for shielding of high-frequency radiation (HF). Window film with **62 % light transmission** in bright **gray**. Attenuation **18 dB. Indoor application** on non heat absorbing glass surfaces.

## **Application**

For the application you mandatory need our plastic scraper **FVR10** and the mounting concentrate **FMK30**, see our accessories below. An assembly instruction is included in the delivery.

#### Technical data

- Width: 76 cm.
- Length: Linear meter / 30 m roll
- Attenuation 18 dB at 1 GHz
- Light transmission: 62 %
- Color of daylight: Bright gray.
- Mounting: Water-activated, pressure-sensitive adhesive to the back.
- Material thickness: 37.5 μm.
- Only for indoor application on non heat absorbing glass surfaces! Background: Heatabsorbing glass is already metallized. When solar radiation permeates the metallization and subsequently hits the window foil, multi-reflections may occur. The windowpane will needlessly heat up and thus by expansion cause leaks or even cracks in the border-seals. Check the type of glass in advance!

## Grounding

This product with an electrically isolated surface cannot be contacted or grounded.

# **Shielding attenuation HF & LF**

This product **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.

# Laboratory & expert report of shielding attenuation up to 40 GHz

We have already invested in our **own professional EMV laboratory** years ago. We not only use it to create our laboratory screening reports but also to check each batch daily. Additionally, we have all our products checked by an **independent**, **well-respected expert**. Double checked for twice the safety. **Please find the reports above at the downloads**.