



## EMI-SHIELDING FILM

### DESCRIPTION

Every minute more devices are connected to the internet and every day more and more data is transferred electronically. This makes the protection of this data against data theft and hacking increasingly important. At the same time, however, employees and sensitive devices should also be protected as best as possible from electromagnetic radiation. The S70 i film is used to protect against data theft and to shield electromagnetic radiation in the frequency range from 10 MHz to 18 GHz.

### FEATURES

≥ 32 dB

**Shielding effectiveness**

10 MHz to 18 GHz

**Frequency range**

17%

**Visible light transmission**

≥99%

**UV-rejection**

83%

**Total solar energy rejection (TSER)**

Interior

**Application**

ZN1170E; ZN1180L; E4407B; GWF-5015-1

**Standards**

47%

**Visible light reflection**

9%

**Total solar transmission**

61%

**Total solar reflection**

30%

**Total solar absorption**

### INTENDED USE

The S70 i-film provides high shielding effectiveness for protection against eavesdropping, data theft and for security and defence purposes in a wide frequency range. The film is particularly well suited for use in hospitals (to protect sensitive technology such as EEG, MRI and EMG) but also in development laboratories and for the protection of sensitive equipment.

Tested on single glazing (3 mm) | All technical values are manufacturer information. Production-related fluctuations and changes are reserved.