



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, employees and sensitive devices should be protected from electromagnetic radiation as best as possible. The S30 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

≥ 20 dB
Shielding effectiveness

10 MHz to 18 GHz
Frequency range

70%
Visible light transmission

≥99%
UV-rejection

49%
Total solar energy rejection (TSER)

Interior
Application

ZN1170E; ZN1180L; E4407B; GWF-5015-1
Standards

15%
Visible light reflection

47%
Total solar transmission

30%
Total solar reflection

23%
Total solar absorption

INTENDED USE

The S30 i-film offers, as a good all-round film, a good shielding effect for protection against eavesdropping, data theft/hacking and for security and defence purposes in a wide frequency range. It offers high light transmission and, due to its low radiation absorption, can also be used for complex glazing.

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