



X90 si

Film Type

EMI-SHIELDING FILM

DESCRIPTION

More devices are connected to the internet every minute. Every day, more and more data is transmitted electronically. And thus the protection of data is becoming increasingly relevant. At the same time, employees and sensitive devices should also be protected from electromagnetic radiation as best as possible. The film is used for shielding electromagnetic radiation in the frequency range of 10 MHz to 26 GHz with an attenuation of 32 dB achieving a good shielding performance.

FEATURES

≥ 32 dB
Shielding effectiveness

10 MHz to 26 GHz
Frequency range

75%
Visible light transmission

ASTM D4935; IEEE Std 299
Standards

48%
Total solar energy rejection (TSER)

Interior
Application

9%
Visible light reflection

49%
Total solar transmission

25%
Total solar reflectance

26%
Total solar absorption

INTENDED USE

The X90 si film provides attenuation of high-frequency signals for protection against eavesdropping, data theft/hacking, and for security and defense purposes. This film combines good shielding performance with high light transmission. Due to its low absorption, this film can also be used on complex glazings.

Tested on single glazing (4 mm) | All technical values are manufacturer information. Production-related fluctuations and changes are reserved.