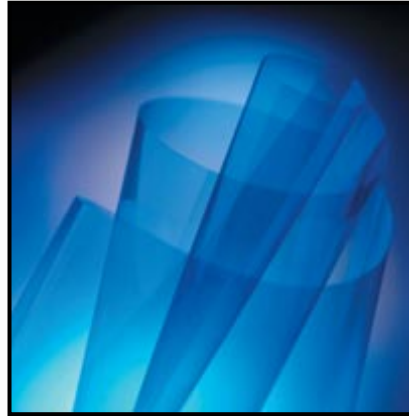




*From Italy,
For the World*



Conductive EMI shielding coated polyester film silver based.

This combination of low surface resistance and high visible light transmission uniquely qualifies them for use in EMI shields of displays and other applications that require shield transparency.

When properly grounded, PeAg films can provide good attenuation over the frequency range 1-10 GHz.

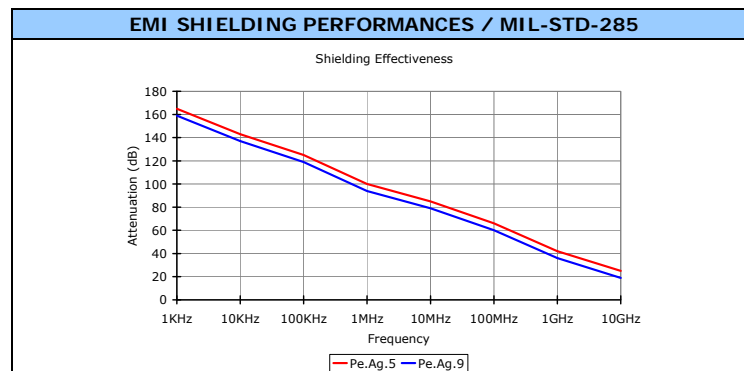
The ability of Ag conductive coatings to attenuate the electromagnetic energy emitted by electronic devices depends entirely of the surface resistance of the coatings.

The shielding effectiveness of Ag conductive coatings, expressed in decibels (dB), can be calculated by means of the following formula:

$$SE = 20 \log [(7 \times 100.000.000.000) / (fXR)]$$

f = frequency of interest in Hz - R = surface resistance of Ag coated film.

	Pe.Ag.5	Pe.Ag.9
POLYESTER THICKNESS (MICRON)	175	175
VISIBLE LIGHT TRANSMISSION	min 75%	min 82%
INFRARED REFLECTION	min 80%	min 75%
SURFACE RESISTANCE (Ω/SQ)	4,5 ± 1	8,0 ± 2,0
SHIELDING EFFECTIVENESS (100MHZ-1GHZ)	24 - 44 dB	20 - 44 dB
WORKING TEMPERATURE (°C)	from -30 to +80	from -30 to +80



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CONDUCTIVE FILM