



PRODUCT TECHNICAL DATA SHEET

Product Name:

AgHT-IP-8

(rev 2/2020)

Product Description:

Instrument Plastics' AgHT-IP-8 is a transparent, highly conductive coated film specially for use in EMI/RFI shielding, and infrared heat rejection applications. AgHT-IP-8's unique combination of high visible light transmittance, nearly neutral color and low electrical resistance makes it ideal as an EMI shield for electronic displays and membrane switches. The AgHT-IP-8 film product is outstanding in its ability to transmit visible light while rejecting infrared heat. Products that make use of these optical characteristics include projector lamp shields, theatrical lighting filters and windows. AgHT-IP-8 is a standard product, the number designation indicating the approximate surface resistance in ohms per square. This product is available on a roll or can be cut to size.

Properties of AgHT-IP -8 Film

Electrical Resistance	7.7	(ohms/sq.)
Visible Light Transmission	88.6	(%T_{vis})
Visible Light Reflectance	5.5	(%R_{vis})
Haze (base film dependence)	< 2.0	%
N Average Shielding Effectiveness (SE)	-26.9 dB	dB (300MHz - 1.5 GHz)

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