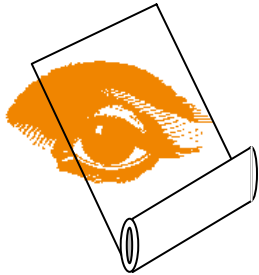


Transparent Conductive Film



At only 20 Ω /sq. this highly conductive and flexible, nearly crystal-clear (*greater than 80% light transmission!*) polyester film is great for E-field and RF shielding.

manufactured by sputtering a thin multi-layer coating on a flexible, clear polyester substrate. This sputtering

process provides excellent uniformity and adhesion to the substrate.

The high electrical conductivity combined with high light transmission make this material ideal for electric field shielding and other low resistance applications. Only 5 mil thick, it is easy to cut into shapes and tape in place to cover computer monitor screens, microwave oven windows, car windows, fax machines, cellular phones, TV remotes, alarm clocks, LED displays, and hundreds of other uses. Will stand up to 80° centigrade. 24 inch wide.

Specify desired length when ordering.

Cleaning Instructions: Use a soft cloth, dampened with water only. Swab lightly. If stain persists, dampen a soft cloth with ethanol or isopropyl alcohol. Do NOT use a dry cloth. Do NOT use paper towels. Do NOT apply cleaning solution directly to plastic surface. Rub lightly, do NOT bear down. Do NOT use window cleaning agents.

Order From:



Supplied by:

Mindsets (UK) Ltd
Unit 10, The I.O. Centre
Waltham Cross, Herts
EN9 1AS

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www.mindsetsonline.co.uk
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Faraday Film Performance Specifications

Appearance	Clear/neutral
Sheet Resistance	<27 Ohms
Visible Light Transmission	>80%
Substrate	5 mil optical grade PET

Property	Test Conditions	Changes in Resistance
Stability at elevated temp	80°C for 72 hours	+2%
Stability when subjected to temp change	22°C to 80°C for 15 minutes -22°C	-1%
Flex Resistance	1/2" mandrel, 8 oz. load, 1285 cycles	+5%
Elongation Resistance	1% elongation (6400 psi)	+187%
Humidity Resistance	24 hr, 95% RH, 49°C	+1%
Abrasion Resistance	Cheesecloth pad 10 gm, 10 rubs	+3%
Minimum Bend Radius	Coated side in, 1/8" radius Coated side out, 1/4" radius	+1.3% +3.8%
Coating Adhesion	3M Scotch® Tape #610	0%

