

EMI SHIELDING FILMS

LX 70 & EMI CT40

EMI SHIELDING FILM is a specialized material designed to block electromagnetic interference (EMI), crucial in securing sensitive data and equipment. CoreTech Films can be adapted to any shape allowing you to customize your solution and fit any area you need. Our development and manufacturing processes are fully integrated meaning we control it from inception to product roll-out meaning you get full control of size, width, and other metrics that can be customized for your needs.



FEATURES AND BENEFITS

- Enhanced Security
- High Visible Light Transference
- Solar Control
- Block EMI Signals

APPLICATIONS

Widely used in government buildings and high-security areas, EMI film prevents unauthorized electronic eavesdropping and shields critical systems from external electromagnetic influences. This film is essential in environments where data integrity and security are paramount, ensuring that electronic communications and operations remain uninterrupted and protected from external electromagnetic threats.

TYPICAL PROPERTIES

PROPERTY	UNIT	LX70 ON LABGLASS	EMI CT40 ON LABGLASS
RF Attenuation, 30MHz - 6GHz	dB	34 - 36	>40
Solar energy transmittance	%	37	24
Total solar energy absorptance	%	29	43
Solar energy reflectance	%	34	33
Visible light transmittance	%	72	53
Visible light reflectance exterior	%	9	7
Visible light reflectance interior	%	8	7
Emissivity		0.76	0.65
Shading coefficient		0.52	0.41
Solar heat gain coefficient		0.46	0.36
Ultraviolet light blocked, 300-380nm	%	>99	> 99
Total solar energy rejected	%	54	64
Thickenss	mil	2	2

Nominal values shown. Values listed are for virgin roll goods only. Appropriate industry safety factors need to be used to account for the in-service effects of handling, weathering, etc

CONTACT SAINT-GOBAIN

Saint-Gobain Worcester
717 Plantation Street,
Worcester MA 01605, USA
Tel: (508) 852-3072

IMPORTANT: The values presented are typical values and should not be used for specification purposes. Contact your representative for more information. It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated by purchaser and/or user.

WARRANTY: We warrant specifications at delivery and honor claims for such breach of warranty for six (6) months after delivery. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential arising out of the use, misuse or inability to use this product(s). SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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