

Product Description

- Provides potential savings on heating and cooling costs
- Helps buildings retain more heat in cooler months
- Helps buildings stay cooler by reducing solar gain in warmer months
- Helps prolong the life and vibrancy of fabric, furniture, and carpets

Product Performance & Technical Data

LE70								
	Single Pane		Tinted		Double Pane		Double Tinted	
Film	1/4 in. Clear	LE70	1/4 in. tint	LE70	Dual 1/4 in. Clear	LE70	Dual 1/4 in. tint	LE70
Solar Heat Gain Coefficient	0.82	0.54	0.63	0.44	0.70	0.53	0.51	0.39
Visible Light Transmitted	88%	74%	53%	44%	79%	66%	47%	40%
Visible Light Reflected Interior	8%	17%	6%	16%	15%	22%	13%	21%
Visible Light Reflected Exterior	8%	16%	6%	9%	15%	21%	8%	11%
U Value (BTU/h•ft²•°F)	1.03	0.78	1.03	0.78	0.47	0.40	0.47	0.40
U Value (W/m²•K)	5.80	4.43	5.80	4.43	2.69	2.28	2.69	2.28
UV Block	43%	99.6%	NA	99.8%	NA	99.6%	NA	99.8%
Total Solar Energy Rejected	18%	46%	37%	56%	30%	47%	49%	61%
Glare Reduction	NA	17%	NA	17%	NA	16%	NA	17%
Heat Loss Reduction	NA	24%	NA	24%	NA	15%	NA	15%
Solar Heat Reduction	NA	32%	NA	41%	NA	23%	NA	22%
Light to Solar Gain	1.1	1.4	0.8	1.0	1.1	1.2	0.9	1.0

Film Properties

Emissivity	0.39
-------------------	------

Health and Safety

CAUTION

When handling any chemical products, read the manufacturers’ container labels and the safety data sheets (SDS) for important health, safety, and environmental information. To obtain SDS for 3M products go to 3M.com/SDS. To request SDS by mail, or in case of an urgent situation, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturer’s instructions for safe operation.



info@solartint.com

888.616.1488



info@st.graphics

Warranty Information

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment, reviewing all applicable regulations and standards, and reviewing the product label and use instructions. Failure to properly evaluate, select, and use a 3M product in accordance with instructions or to meet all applicable safety regulations may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.



info@solartint.com

888.616.1488



info@st.graphics



solartint.com



st.graphics