3M™ Sun Control Window Film LE 70

Technical Data Sheet
Revision A, August 2022

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▪ft^2▪°F)	1.03	0.78	1.03	0.78	0.47	0.40	0.47	0.40
U Value (W/m^2▪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.

Warranty Information

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