PURLSOL
solar film

GRF-20 (Dark) Green Solar Film

Solar control film is designed to ward off the sun's glare and heat and to keep your home, office or conservatory cooler.

The reflective quality of the film will also offer varying levels of privacy, when used on exterior facing windows. The darker the film, the more reflective it is, and the more privacy it will offer. The privacy effect will only work during day time hours.

As a rule, we recommend the darker films for south facing windows, where the sun is harsher.
East facing windows will be exposed in the morning, when the sun is low, and west facing windows in the afternoon when the sun is high, but brighter.

For east and west facing, we recommend both the dark and the medium films, depending on how exposed your windows are to the sun.
North facing windows shouldn't be too affected by the sun.

PERFORMANCES

U.V Transmission	1 %
Visible Light Reflection	36 %
Visible Light Transmission	15 %
Total Solar Energy Rejected	77 %
Solar Reflection	36 %
Solar Absorption	55 %
Solar Transmission	9 %
Glare Reduction	85 %
“g” Value (solar heat gain coef.)	0.23
“u” Value (EN673W/m².°K)	5.10
Emissivity	0.66
Scratch Resistant Coating	✓

SUITABILITY

Clear Single Pane	✓
Tinted Single Pane	X
Clear Double Pane	X
Tinted Double Pane	X
Low-E Clear Double Pane	X
Clear Laminated Single Pane	X
Clear Double Laminated Glass	X

(unless made of toughened glass)

APPLICATION

INTERNAL	✓
EXTERNAL	X

WARRANTY: 10 YEARS against

Peeling	✓
Cracking	✓
Demetallization	✓