



SPECIALIST WINDOW FILM

Total UV 400 Window Film

Specialist anti-discoloration interior film

TRADE ORDERING

Supplied as a full roll where options are available. Choose the required roll option before ordering.



Total UV 400 is a specialist interior anti-discoloration window film designed to deliver near-complete ultraviolet protection while also reducing high-energy light up to 420nm. It is suited to displays, furnishings, shop glazing, museums, showrooms and other environments where fading resistance and preservation are important.

UV REJECTION

100%

maximum protection

VISIBLE LIGHT

70%

transmitted

TOTAL SOLAR ENERGY

42%

rejected

WARRANTY

10 years

internal application

High-performance interior UV protection film with 100% UV rejection, clear visibility and strong anti-fading performance for light-sensitive interiors.

MAXIMUM UV PROTECTION

100% UV rejection for displays, furnishings and sensitive interior environments.

DISPLAY PROTECTION

Helps reduce ageing and discoloration of exposed items and materials.

CLEARER DAYLIGHT

70% visible-light transmission with a light grey external appearance.

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Technical performance and application data

Optical / solar property	Single 3mm no film	Single 3mm with film	Double Low-E no film	Double Low-E with film
UV rejection (%)	25	100	40	100
Visible light transmission (%)	91	70	82	63
Visible light reflection - external (%)	8	10	11	15
Visible light reflection - internal (%)	8	11	12	14
Solar energy reflection (%)	5	9	28	24
Solar energy absorption (%)	8	35	12	40
Solar energy transmission (%)	87	56	60	36
Total solar energy rejected (%)	12	42	35	40
Glare reduction (%)	-	26	-	16
Shading coefficient	-	0.70	-	0.75
g-value	0.88	0.62	0.65	0.65
U-value (W/m ² .C)	5.8	5.6	1.1	1.1

Characteristic	Value
Warranty	10 years
Fire resistance rating	M1
Storage in recommended conditions	3 years
REACH / RoHS	Compliant
Widths available	152 cm
Installation type	Interior
Colour from the outside	Light Grey
Length	30.5 m
Product carbon footprint (LCA)	1.56 kgCO ₂ e/m ²
Composition	PET
Thickness	50 microns

Glazing type	Advice
Clear single pane	Yes
Tinted single pane	Yes
Reflective tinted single pane	Yes
Clear double pane	Yes
Tinted double pane	Yes
Reflective tinted double pane	Yes
Gas-filled double pane - Low E	Yes
Stadip Ext. clear double pane	Yes
Stadip Int. clear double pane	Caution

Construction

1. Scratch-resistant hard coating providing surface protection, durability and ease of cleaning.
2. High optical quality polyester with an IR-blocking metallic particle coating.
3. Bonding adhesive.
4. High optical quality polyester.
5. PS adhesive, polymerizes with glass within 15 days.
6. Protection PET release liner, disposable after installation.

Installation and maintenance

Use Slide On (600-FO2) or Film On (600-F0355) diluted at 2 cL/L of water for installation and cleaning. Do not clean for one month after installation or apply stickers or adhesives on the film. Advice is based on glazed surface area up to 2.5m²; contact Window Films Direct for confirmation or thermal shock analysis.