

Special fade protection film with extended absorption spectrum. In the range of 380 – 450 nm good protection values are reached. For light sensitive areas, e.g. printing plants and photo laboratories. Very suitable for shop windows as fading protection.

Performance Results	4 mm Single
Visible Light	
Transmittance (VLT) %	57
Reflectance exterior / interior %	7/7
Glare reduction %	37
Solar Energy	
Transmittance %	68
Absorptance %	25
Reflectance %	7
IR Reduktion [SIRR at 780 - 2500 nm] %	18
UV protection [380 - 450 nm] %	>99
Solar heat gain coefficient (g-value)	0,75
Light to solar heat gain ratio (VLT/SHGC)	0,76
Total solar energy rejected [90°] %	25
Total solar energy rejected [60°] %	-
UV Tdw-ISO [300 - 700 nm] %	13
Fade reduction %	85
Film thickness	50 µm

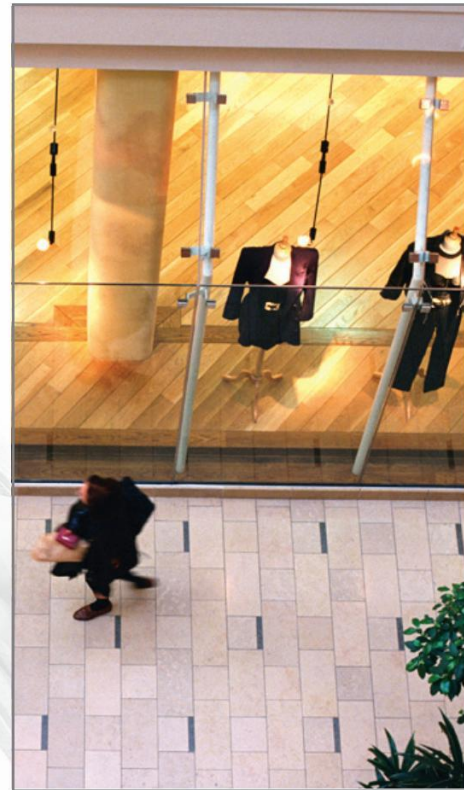
Material Construction Self Adhesive Film

- Polyester film.
- Scratch resistant hard coat on the surface.
- Siliconised liner on the adhesive.
- High quality pressure sensitive adhesive system (water activated) with integrated UV-absorber for best longevity.

Storage Recommended at +15° C up to +25° C and rel. humidity 50%: approx. 3 years

Possible Widths 183 cm 152 cm 122 cm 91 cm

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 Technical data calculated using „Window 7.2.“ according to EN 410 and EN 673.



SUN PROTECTION FILM

Film Performance (on 4 mm float glass)

■ Without film
 ■ With 109 film
 ■ Value of the best film

Glare reduction



Visible light reflectance exterior



Fade reduction



Total solar energy rejected [90°]



Film-to-Glass-Guide

Single pane clear or tinted	●
Double pane clear or tinted	●
Double pane Low-e on #2	●
Double pane Low-e on #3	●
Triple pane Low-e	▲

- Low risk
- ▲ Caution! Submit Film-to-Glass application for risk assessment.
- Tempered only

