

Sun protection film for the maximum heat reduction. The warm bronze tone is very pleasing to the human eye. Mirror effect with one way view (depending on light conditions). Energy saving by reducing cooling costs.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
<b>Visible Light</b>		
Transmittance (VLT) %	22	20
Reflectance exterior / interior %	37/36	39/36
Glare reduction %	76	75
<b>Solar Energy</b>		
Transmittance %	13	12
Absorptance %	39	44
Reflectance %	48	44
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (g-value)	0,21	0,32
Light to solar heat gain ratio (VLT/SHGC)	1,04	0,63
Total solar energy rejected [90°] %	79	68
Total solar energy rejected [60°] %	81	71
<b>UV Tdw-ISO [300 - 700 nm] %</b>		
UV Tdw-ISO [300 - 700 nm] %	13	12
Fade reduction %	85	84
Film thickness	50 µm	



SUN PROTECTION FILM

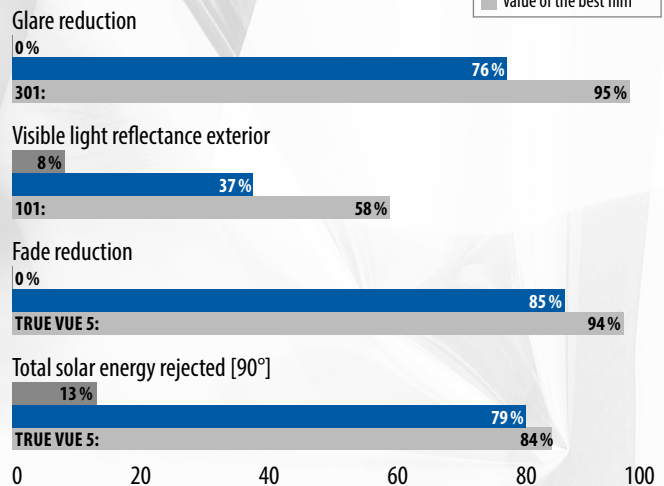
**Material Construction Self Adhesive Film**

- 2-layer polyester film, sputtered with copper.
- 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.

<b>Flammability</b>	IAW EN 13501-1: B/s1/d0
<b>BRUXSAFOL Warranty</b>	10 years
<b>Storage</b>	Recommended at +15° C up to +25° C and rel. humidity 50%: approx. 3 years
<b>Possible Widths</b>	<input type="checkbox"/> 183 cm <input checked="" type="checkbox"/> 152 cm <input type="checkbox"/> 122 cm <input type="checkbox"/> 91 cm

**Film Performance** (on 4 mm float glass)

Without film  
 With SB 175 film  
 Value of the best film



**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

For further details please view:  
[www.bruxsafol.de/download/ftg-guide.pdf](http://www.bruxsafol.de/download/ftg-guide.pdf)

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