

Priority of this film lies in the excellent UV filtering without reduction of view or coloring changes. Very well suited for shop windows against fading.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
<b>Visible Light</b>		
Transmittance (VLT) %	75	68
Reflectance exterior / interior %	13/12	18/17
Glare reduction %	17	17
<b>Solar Energy</b>		
Transmittance %	60	53
Absorptance %	24	28
Reflectance %	16	19
UV protection [300 - 380 nm] %	>99	>99
Solar heat gain coefficient (g-value)	0,66	0,65
Light to solar heat gain ratio (VLT/SHGC)	1,14	1,04
Total solar energy rejected [90°] %	34	35
Total solar energy rejected [60°] %	42	45
UV Tdw-ISO [300 - 700 nm] %	52	47
Fade reduction %	39	36
Film thickness	50 µm	



SUN PROTECTION FILM

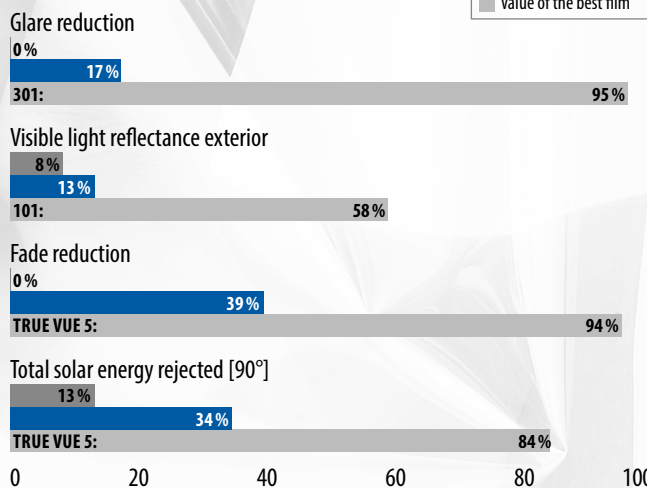
**Material Construction Self Adhesive Film**

- triple sputtered selective sun protection 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.

<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 checked="" type="checkbox"/> 183 cm <input checked="" type="checkbox"/> 152 cm <input checked="" type="checkbox"/> 122 cm <input type="checkbox"/> 91 cm

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

Without film  
 With XH 76 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.