

Safety film to prevent injuries by flying fragments of glass (in particular in kindergartens, schools and public places). Glazing protection in food processing facilities.

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	89	81
Solar Energy		
IR rejection [780 - 2500 nm] %	24	37
UV protection [300 - 380 nm] %	>99	>99
UV Tdw-ISO [300 - 700 nm] %	60	55
Fade reduction %	29	26
Physical Properties		
Thickness (incl. adhesive)	125 µm	
Tensile strength ASTM D 882	2110 kg/cm ²	
Elongation ASTM D 882	>100 %	
Break strength ASTM D 882	22,0 kg/cm	
Yield strength ASTM D 882	10,8 kg/cm	
Tear strength (Graves) ASTM D 1004	3,0 kg	
Puncture strength ASTM D 4830	30,0 kg	
Peel strength ASTM D 903	>985 g/cm	


SAFETY FILM

Material Construction Self Adhesive Film

- Clear 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.

Certificates*

Safety protection	EN 12600, Classification	2B2
Security protection	EN 356	–
Flammability	EN 45545-2 EN 13501-1	R1;HL1/HL2/HL3 B/s1/d0

* Please contact your BRUXSAFOL partner for additional details in regard to test reports and certificate validity.

BRUXSAFOL Warranty

Only with complete edge sealing:
7 years on vertical installations,
5 years on slanted installations

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

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

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