

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

Performance Results (EN 410)	4 mm Single	4/12/4 mm Double
Visible Light		
Transmittance (VLT) %	87	79
Solar Energy		
IR rejection [780 - 2500 nm] %	28	-
UV protection [300 - 380 nm] %	>99	>99
UV Tdw-ISO [300 - 700 nm] %	62	56
Fade reduction %	27	24
Physical Properties		
Thickness (incl. adhesive)	235 µ	
Tensile strength ASTM D 882	2110 kg/cm ²	
Elongation ASTM D 882	>100 %	
Break strength ASTM D 882	44,0 kg/cm	
Yield strength ASTM D 882	21,6 kg/cm	
Tear strength (Graves) ASTM D 1004	6,0 kg	
Puncture strength ASTM D 4830	64,0 kg	
Peel strength ASTM D 903	>985 g/cm	



SAFETY FILM

Material Construction Self Adhesive Film

- Clear 2-layer, factory-made cold laminated safety film.
- Scratch resistant hard coat on the surface.
- Silicised 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	1B1
Security protection	EN 356, Classification	P1A
Flammability	DIN 5510-2	S4 / SR2 / ST2
Bomb blast mitigation		ISO 16933

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

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

BRUXSAFOL Warranty	10 years
Storage	Recommended at +15° C up to +25° C and rel. humidity 50%: approx. 3 years
Possible Widths	<input checked="" type="checkbox"/> 183 cm <input checked="" type="checkbox"/> 152 cm <input checked="" type="checkbox"/> 122 cm <input type="checkbox"/> 91 cm

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

For further details please view:
www.bruxsafol.de/download/ftg-guide.pdf