

## Solaxess Advanced Interlayer Foil

Characteristic	Value	Unit	Comment
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### Colours Available

	<ul style="list-style-type: none"> <li>White, Light Grey, Dark Grey, Terracotta, Dark Brown, Grey-Beige, Barbados Beige, Light Terracotta, Pine Green, Verdigris, Ocean Blue, Falun Red, Terra Orange, Gold</li> <li>Please refer to our standard color list for details on color palette matches (RAL Classic, RAL Design or NCS 1950), as well as expected performance for each color variant.</li> <li>For custom color enquiries, please contact us at <a href="mailto:info@solaxess.ch">info@solaxess.ch</a>.</li> </ul>		
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### Typical Physical Properties (data not for specification purposes)

Total thickness	350	microns	Internal method
Area density	320	g/m <sup>2</sup>	Internal method
Density	0.92	-	Internal method
Gross calorific potential (PCS)	14	MJ/m <sup>2</sup>	EN ISO 1716 :2018
Heat shrinkage (110°C, 30 mins unrestrained)	<3%		Internal method
Young's Modulus (Cured) MD/TD	266/296	MPa	Internal method

### Production Figures

Standard roll width	1'200	mm	Other widths possible
Standard roll length	168	m	Other lengths possible upon request

### Certification

Certification	Declaration of compliancy with respect to the standards EN IEC 61215-1/-2:2016, EN IEC 61730-1/-2:2016 on-going at TÜV Rheinland Energy GmbH
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### Shelf Life & Storage Conditions

Shelf life is 12 months under proper storage conditions. The product should be stored adequately with the temperature controlled between 15°C and 25°C and relative humidity between 25% and 50%, avoiding direct sunlight. The product should not be placed near any heating equipment or exposed in a dusty place. The product should be used within 30 days after the package is opened. Any unused product should be properly sealed with original package or similar package.

Values:

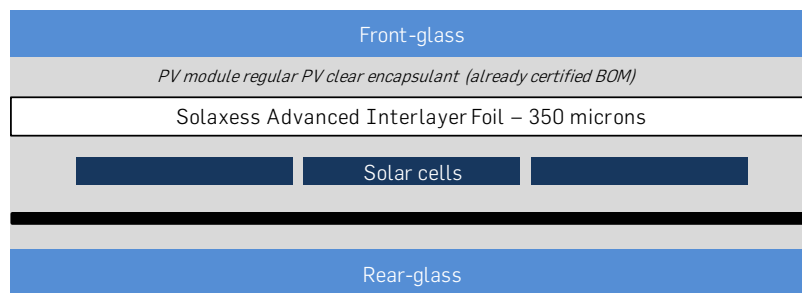
- All values stated above are to be considered as average values. We reserve the right to make technical changes.
- It shall be for the respective user to check and to ensure the compatibility of the Solaxess foil with other products/foils/laminates or modules.
- Furthermore, the user has to check and to ensure the suitability of the Solaxess foil for the corresponding finished product and application.
- This product information is a technical information, however no product specification.
- In this regard Solaxess SA assumes no liability and no warranty.

Notes on processing:

- The Solaxess foils must be laminated according to the lamination guidelines provided by Solaxess
- The surfaces in contact must be adequately clean (no fingerprints or other contaminations)
- The use of gloves is mandatory.
- Do not clean the surface with solvents or any other material before laminating.

Foil Integration into Photovoltaic Modules:

- A typical integration of the Solaxess foil is shown below:



- Front-glass can be replaced by an ETFE frontsheet material with adequate adhesion properties.

Defects acceptance criteria:

- Any of the following variations on the foil are automatically accepted by the client:
  - $\Delta E(76) < 2$  within the same Solaxess color foil
  - Surface roughness change

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that Solaxess believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond Solaxess's control and uniquely within user's knowledge and control can affect the use and performance of a Solaxess product in a particular application. Given the variety of factors that can affect the use and performance of a Solaxess product, user is solely responsible for evaluating the Solaxess product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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