

Technical data sheet

evguard® Milky-White

EVA interlayer for laminated safety, security & design glass

↓ ● Stability*

Ball drop test	DIN 52338	44.2	
	DIN EN 356	44.3	P1A
Pendulum test	DIN EN 12600	44.1	1B1
Resistance against heat, humidity and UV radiation	DIN EN ISO 12543-4	44.1	<i>approved</i>
Sound reduction	DIN EN ISO 10140-2	44.2	37 db

* officially certified for evguard®

🔧 Processing

Minimum temperature	105 °C (220 F)
Maximum temperature	160 °C (320 F)
Production process	Vacuum / Nip-roll - Autoclave lamination

📏 Dimensions & Packaging

Thickness	0.38 mm
Width	2,300 mm
Length	60 m
Core	76 mm cardboard core
Packaging	in cardboard boxes

evguard® is a thermosetting, ethylene-vinyl acetate based, interlayer for manufacture of laminated safety, security & design glass.

↔ Properties	Test method	non cross-linked		cross-linked*	
Density	ISO 1183	0.95–0.97 g/cm ³			
Optical appearance	milky-white translucent				
Tensile strength	ISO 527-3	MD	> 5 N/mm ²	MD	> 20 N/mm ²
		CD	> 5 N/mm ²	CD	> 20 N/mm ²
Elongation at break	ISO 527-3	MD	> 700 %	MD	> 400 %
		CD	> 700 %	CD	> 400 %
Hardness	DIN 53505	> 65 Shore A			
Thermal expansion coefficient	DIN 52328	1–10 ⁻⁴ K ⁻¹			
Optical density	≈ 0.6 (for 380 μm)				
Light transmission (390–1,200 nm)	≈ 40 % (for 380 μm)				

* values depend on appropriate lamination



Storage recommendation

Temperature	< 30 °C (85 F)
Humidity	< 80 %
Shelf life	use by 12 months after date of production Opened rolls have to be protected against direct sunlight and dust.



Folienwerk Wolfen GmbH T +49 (0)3494 6979 0
 Guardianstraße 4 F +49 (0)3494 6979 37
 06766 Bitterfeld-Wolfen info@folienwerk-wolfen.de
 Germany www.folienwerk-wolfen.de



www.evguard.net

Disclaimer

Our information about our products and processes is based on extensive research and our considerable experience in the field of applied engineering. We provide this information, which to the best of our knowledge is correct, orally and in writing. In doing so, we do not assume any liability other than the liability agreed upon in the respective individual contract, and we reserve the right to make technical modifications in the course of our product development. However, this shall not release user from its obligation to verify the suitability of our products and processes for its own use. Purchaser's specifications of intended use shall only be binding, if we, at the time of contract conclusion, have confirmed in writing that the delivered goods are suitable for the use intended by Purchaser. This shall also apply to the protection of third party industrial property rights and to applications and processes.