



A quiet revolution

Reduce wind noise better than ever with the Saflex® E series enhanced acoustic interlayers.

Acoustics play an ever-increasing role in the vehicle cabin experience. Across all vehicle segments, today's consumers demand vehicles with less noise to help lower the stress of driving, reduce fatigue, and enable easier conversations between drivers and passengers. Cabin acoustics are also growing in importance as vehicles become more connected with the adoption of hands-free devices such as Bluetooth, navigation systems, voice-activated commands, and on-demand audio.

For next-generation sound control and a more balanced cabin noise profile, automotive manufacturers are turning to Saflex® E series enhanced acoustic polyvinyl butyral (PVB) interlayers.




Saflex® E series featuring TranquilGlass™ technology is a key element of any premium cabin acoustic package. TranquilGlass™ is a unique formulation of proprietary chemistries within the viscoelastic core layer that functions by converting incident wave energy into heat more effectively than traditional acoustic interlayers, thereby minimizing the intensity of the flexural wave and the resulting noise vibration caused by mechanical energy dissipating across the panel. This creates a more balanced cabin noise profile and provides exceptional sound damping properties in the high-frequency range, reducing unpleasant noise from wind turbulence around the vehicle. Drivers are able to stay more focused on the road and feel more connected to their passengers and devices.

saflex 
ENHANCE YOUR VISION

Key benefits

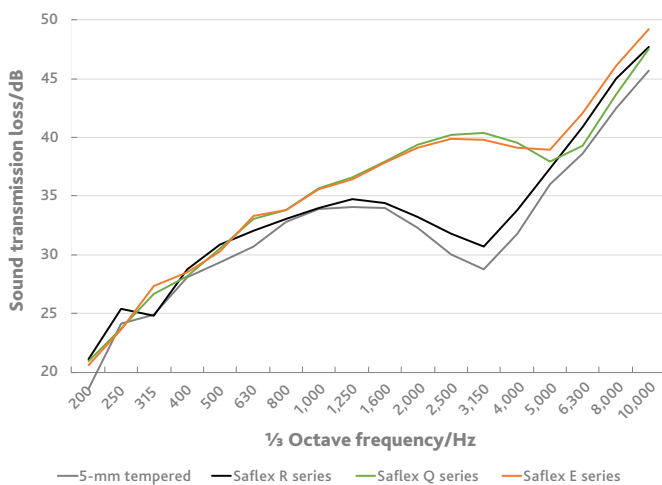
- Quieter, more comfortable cabin experience
 - Increased focus on driving
 - Improved interaction with voice-activated devices
 - Easier conversations with passengers
 - Reduced fatigue
- More balanced cabin noise profile for improved sound quality
- Focuses improved performance in unpleasant high-frequency noise range
- Key component of comprehensive vehicle acoustic package

Sound reasons to choose Saflex

-  Improved acoustic comfort, reducing noise levels by 4.5 dB (1,000 to 5,000 Hz) vs. standard laminated glass and by 2 dB in the critical wind noise region (5,000 to 10,000 Hz) vs. traditional acoustic glazing
-  Enables the use of thinner glass configurations with minimal compromise to cabin acoustics
-  UV protection, blocking more than 96% of harmful UV radiation

Success with frequency

With Saflex E series enhanced noise reduction technology, consumers can hear the difference. These interlayers are also available in solar heat (IR) blocking, gradient band, colors, and head-up display (HUD) compatible formulations.



Saflex E series greatly improves overall sound transmission loss

Trust the experts.

Around the world, automotive engineers trust Eastman. The reason is simple: Saflex interlayer technology delivers advanced glazing performance for demanding applications, meeting exacting specifications and targets. The industry counts on Eastman for technical and developmental expertise—making Eastman a global leader in PVB interlayers for automotive applications.

Applications

- Windscreens
- Front side windows

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