

Silentex® Engineered Noise Control Solutions

Owens Corning Silentex® engineered products are the preferred solutions for acoustic and thermal applications in harsh environments.

Silentex® engineered products have been used successfully in the automotive exhaust market for more than 25 years to meet acoustic and thermal requirements. The products are produced with proprietary Advantex® E-CR glass, which provides exceptional thermal and chemical durability.

The Silentex® product line uses specially formulated sizings to enable high-speed processing and ensure maximum texturization can be obtained to achieve acoustic and thermal performance requirements.

- Equipment that can be used to directly fill silencers (mufflers) of all types
- Custom-designed bags (polymer or glass) filled with texturized glass fibers for insertion into silencers
- Low-binder molded inserts (preforms) that provide rapid mistake-proof insertion of texturized glass fibers into silencers
- Continuous tangle-free strand with customized texturization

Owens Corning Advantex® glass production facilities are in Europe, Asia and the Americas. Operations for bags and preforms are available in each of these regions along with technical support to assist with applications.

The use of Silentex® engineered solutions is not limited to the automotive market. The products can be used wherever extreme acoustic and thermal insulation is required. Current applications include power sport vehicles (motorcycles, snowmobile and ATVs), industrial silencers and other non-automotive applications.

ADVANTEK® GLASS USE TEMPERATURE FOR MUFFLER APPLICATIONS	CHEMICAL DURABILITY IN SIMULATED EXHAUST PH2, 96°C, 100HRS	ADVANTEK® GLASS ANNEALING POINT	ADVANTEK® GLASS SINTERING POINT (25% FUSION RATIO)
< 740°C	< 2%	≥ 720°C	800°C

PRODUCT/SIZING	FILAMENT DIAMETER	TEX
ST2000	24μ	4800
ST2070	24μ	7000