Automotive Applications

1. SHOCK TOWER INSULATOR
Placed over the wheel wells of the vehicle, this insulator prevents road noise, tire noise and engine noise. Thermal benefits include wire and plastic component protection.

2. HOOD INSULATOR
This application absorbs engine noise, reduces heat transfer to the sheet metal, reduces pass-by noise and adds to the performance of any vehicle’s insulator package. It will maintain performance, quality and stability through extreme temperature and climate variations.

3. DOOR INSULATOR
Typically made of polyester, this absorber is protected by a water-resistant scrim. Wet side door insulators prevent sound transfer from the road, while protecting the speaker from dirt and water. Installation is done by placing the upper tabs in between the door beam and the door’s sheet metal.

4. HEAD LINER
MAP headliners provide superior cabin acoustics and repeatable installation at the OEM level. This product is one of MAP’s interior product lines.

5. MUFFLER PREFORMS
Used for muffler silencing purposes, this product is made of cured e-fiber blended with 3-5% resin and pre-formed to fit any shaped muffler. It is shaped in a hot mold cavity for easy high-volume muffler installation.
Automotive Applications

MAP fiberglass products are made with 60-70% post-consumer recycled glass making them environmentally friendly choices.

6 TUNNEL INSULATOR
Positioned where the engine compartment meets the underbody, this unique application prevents transmission, engine and road noise from entering the cabin of the vehicle. In addition to acoustic performance, tunnel insulators protect underbody heat from entering through the floor of the cabin.

7 BATTERY INSULATOR
Battery insulators protect the plastic battery shell from surrounding temperatures and assist the battery in the heat-up and cool-down processes. A battery insulator will prolong battery life and make temperature fluctuations less impactful.

8 ENGINE COVER INSULATOR
A molded, acoustically beneficial insulator for beauty cover assemblies within the harsh engine compartment environment. This part also reduces heat transfer from the engine to the plastic engine cover. Precise trimming provides repeatable installation and cost savings.

9 OUTER DASH INSULATOR
Outer dash insulators serve several purposes including the reduction of engine noise and the prevention of engine heat from entering the cabin. This application also protects wires or any other thermally delicate areas of the outer dash wall.

10 FENDER INSULATOR
Placed in the outboard fender area of the engine compartment, the primary function of this insulator is to reduce occupant noise.