

Summary of Capabilities:

Acoustical Materials: We provide a variety of acoustical and noise dampening materials. Materials would include but are not limited to, various acoustic urethane foams, convoluted urethane foams, PVC Barrier and dampening material, rubber dampening pads, and acoustical fibers custom fabricated to your needs.

Custom Cab Interiors: We provide custom cut cab interiors of varying composites to accomplish different goals within the cab. We accomplish both acoustic and thermal goals with our materials. These can be provided with PSA (pressure sensitive adhesive) backings to peel and stick for ease of application even to the difficult to stick to CARC paint applications. We also provide complete cushion solutions for bench seating and armrest applications, including finished products ready for installation.

High Temperature Insulation: We fabricate high temperature materials for under hood applications like firewall and engine tunnels. These materials can vary in thickness and design, depending on the application. Most achieve significant thermal performance and can be constructed to achieve acoustic goals as well. Applications would include: Underbody exhaust system, HVAC Thermal Protection, fuel tank thermal protection, under-carpet systems, firewall, in dash panel and battery insulation to name a few.

High Impact Plastics: We use a variety of plastics for fenders and debris shields. Our materials can achieve weight reduction and our fabrication methods achieve cost reductions by eliminating expensive tooling charges. The variety of plastics we work with can also be used in several different applications in place of heavier metal options. Some current applications and possible applications are: Access panels, vehicle headliner (combined with acoustical and thermal insulation), fenders, debris shields, cab dash boards, door panels with insulation etc.

Rubber Products: We provided debris shields and other products made from a variety of rubber materials. A few are, masticated rubber, cloth inserted rubber and TPE rubber.

Open and Closed Cell Gaskets and Seals: We provide gaskets and seals using a variety of open and closed cell materials which include but are not limited to: EPDM, Neoprene, EPDM and SBR Blends, cork rubber, open cell urethane, silicone, etc.

Filtration: We provide a variety of reticulated filter foam and fiber material, fabricated into multiple styles, for any filtration application. These items can be used in engines, cabs, purifiers, and fuel tanks to name a few.

Custom Packaging and Protective Materials: We provide custom fabricated packaging materials used in all types of cases. Materials would include, but are not limited to, various urethane foam, closed cell EPE, EPS, EPP and XLPE. We have used these materials in instrument cases and several other packaging situations. Materials can be purchased on their own or as a complete solution.

“Constantly seeking better ways to be the best”

Miscellaneous: Just because you may not see it in this attachment, it does not mean we cannot help in areas beyond foam, rubber and plastic. For example, we have provided several finished part solutions that have incorporated materials like armor, so please ask!



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