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## ACOUSTI - COMPOSITE

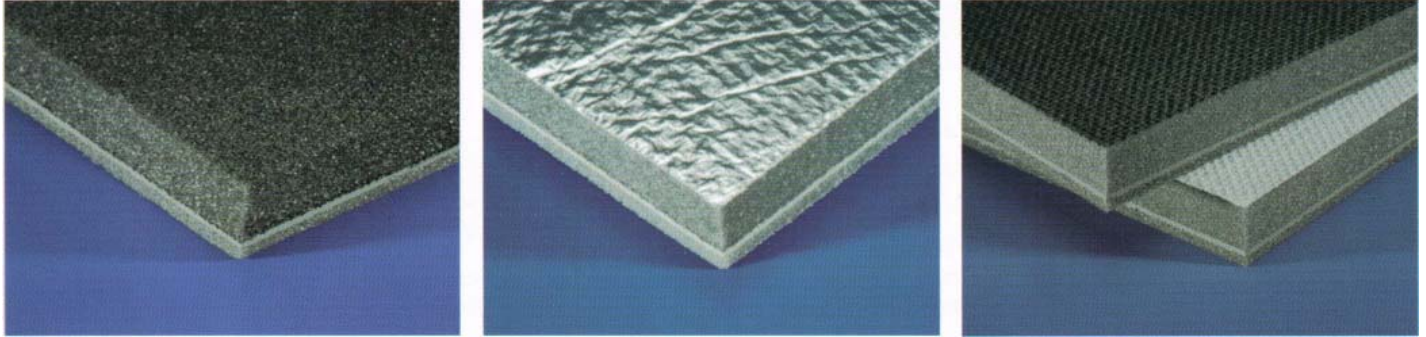
## ACOUSTICAL FOAM

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Spec Data Sheet

**Composite Foam**  
Sound Absorption/Barrier

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**Acousti-Composite** is a noise control material specifically designed to achieve maximum attenuation over a broad frequency range. Acousti-Composite combines dense, limp, flexible, non-lead loaded barriers with Acousti-Foams providing a total noise control system. Unlike other composites available, these multilayer systems are manufactured without costly adhesives, thus eliminating the potential for failure between layers. Designed by acoustical engineers, Acousti-Composite has been optimized to economically provide:

- **High Transmission Loss** - the barrier's ability to impede airborne noise.
- **High Noise Reduction Coefficients** - the foam's ability to absorb airborne sound energy with minimum reflections.
- **Damping** - the composite's ability to attenuate structure-borne vibration on metals and plastics. Thereby reducing reradiated noise and material fatigue.



The diversity of constructions makes possible engineered solutions for most OEM and in-plant applications. Acousti-Composite is available with single and double layer septums, various barrier weights, foam thicknesses and a variety of surface treatments. Acousti-Composite is available in rolls, sheets, die cut or fabricated to customer specifications or can be easily field cut with a knife or scissors. These composites can be adhered to the substrate with factory supplied, economical, SBR pressure sensitive adhesive or an acrylic based pressure sensitive adhesive for temperatures up to 250°F. It is recommended that a contact adhesive or mechanical fasteners be used for these heavily loaded composites in overhead applications.

**INPLANT ENVIRO-SYSTEMS 2000, INC.**

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