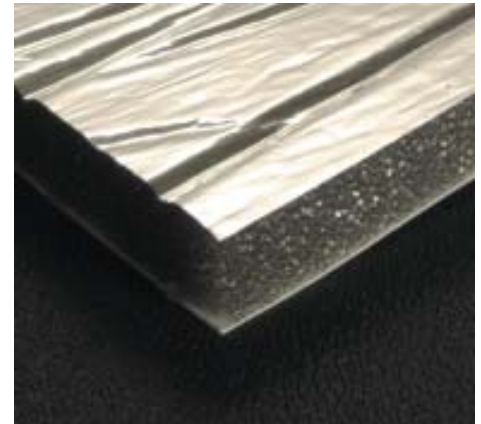


Technical Data Sheet

VB-TS is a composite of 0.370" high temperature acoustical foam and polyester film that has been metalized with a 99.99% pure layer of aluminum. The foam layer functions as an air spring and mechanical noise absorber. **VB-TS** is able to absorb upper midband and high frequency airborne sound typically found in automotive under hood applications. The aluminum layer functions as a reflective thermal control / insulative layer. **VB-TS** feature an aggressive, modified acrylic adhesive.



VB-TS is an important member of a specialized family of high performance damping products engineered to work together. Consulting with a Cascade Audio Engineering specialist will allow you to select and combine these products to transform your personal space into the ultimate environment.

Benefits:

- Absorbs midband and high frequency noise
- Thermal control capabilities
- Features aggressive modified acrylic adhesive
- Easy to install
- Resists water and harsh chemicals
- Creates custom, high tech look

Applications:

- Automotive engine compartment and firewall
- Marine engine bays
- RV generator housings
- Sheet metal equipment enclosures
- Air compressor and machine tool housings

Properties:

| | |
|------------------------------------|--|
| Size..... | 37" x 54" (VB-TS), 54" x 75" (VB-TSXL) |
| Thickness (inches)..... | 0.370" |
| Weight..... | 0.21 lbs./sq.ft. |
| Effective Temp. Range (Mylar)..... | -20 degrees F. to +425 degrees F. |
| Effective Temp. Range (Foam)..... | -40 degrees F. to +250 degrees F. |
| Elongation (Mylar)..... | 110% |
| Elongation (Foam)..... | 100% |
| Tensile Strength (Mylar)..... | 28000 psi. |
| Tensile Strength (Foam)..... | 18 psi. |
| Chemical Resistance..... | Oils and greases do not penetrate after 2 months exposure at 23 degrees C. |
| Flammability..... | UL 94 HFI |