

TEC[®] DAMPING SHEET

for
**Quieter Industrial Machinery
and Office Equipment**

The Cost-Effective Acoustic Material for Vibration Damping & Noise Reduction... in Existing or New Products

- Excellent damping characteristics
- Quick and easy to apply - self-adhesive
- Economically priced
- Highly effective damping reduces noise and vibration in a wide variety of applications
 - Appliances
 - Heating & AC ducts
 - Metal cabinets
 - Production machinery
 - Machine guards
 - Equipment housings
 - Bins, chutes, and other material handling equipment

The TEC[®] Damping Sheet - a pressure-sensitive, asphaltic-based material - offers a practical means of acoustic and vibration control...effective noise abatement of radiating metal surfaces, wherever it is needed for protection of personnel, without interference in production operations.

RUGGED - The TEC Damping Sheet is a unique sound deadener with an integral acrylic-adhesive backing. The high tack, high performance adhesive provides 100% contact for permanent attachment to sheet metal panels or components, thereby maximizing damping efficiency. Developed by a major U.S. firm for the automotive industry, the material provides most effective damping from 50^o to 125^oF. (See chart on the reverse side.) It will withstand processing temperatures up to 400^oF.

OUTSTANDING ACOUSTIC PERFORMANCE

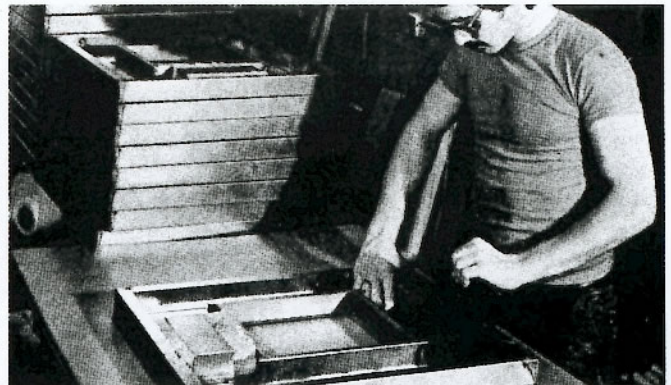
-Impact noises occurring when sheet metal is struck are greatly reduced, in loudness and in duration, as are resonant vibrations, through use of the material. Maximum damping results from 100% coverage of the sheet metal surface. However, excellent quieting can be obtained with

as little as 10% coverage, if the TEC Damping Sheet is applied to the portion of the sheet metal part having the greatest motion.

SIMPLE INSTALLATION - The sheet can be cut to any shape. To apply, the release liner is easily removed, and the sheet pressed into place. No messy liquids, pastes, or adhesives to contend with. No heat is required. Room temperature is adequate.

SAFE & EASY TO HANDLE - The material is clean and self-extinguishing. No flammable vapors, as are generally associated with vibration damping compounds, to worry about.

ECONOMIC - With the TEC Damping Sheet, protection from a variety of occupational noise problems is readily achieved, at a much more reasonable cost than with lead-based sound absorption materials.



The TEC Damping Sheet is easily and quickly applied to fabricated metal parts.

TEC[®] DAMPING SHEET

SELF-ADHESIVE NOISE CONTROL MATERIAL

Simply press the material in place, and noise and / or vibration are decreased in virtually any type of product. The TEC Damping Sheet performs well over a wide range of frequencies - 125-4,000 Hz - and over a temperature range of 50°F -125°.

TECHNICAL DATA

Type: Asphalt based

Colour: Black

Thickness: .070" (1.8 mm)

Weight: .7 lb. / sq ft (1.9 g / mm)

Standard Sizes: 32" x 29" (6.44 sq ft / sheet)

Standard Package: 15 sheets (min. quantity)

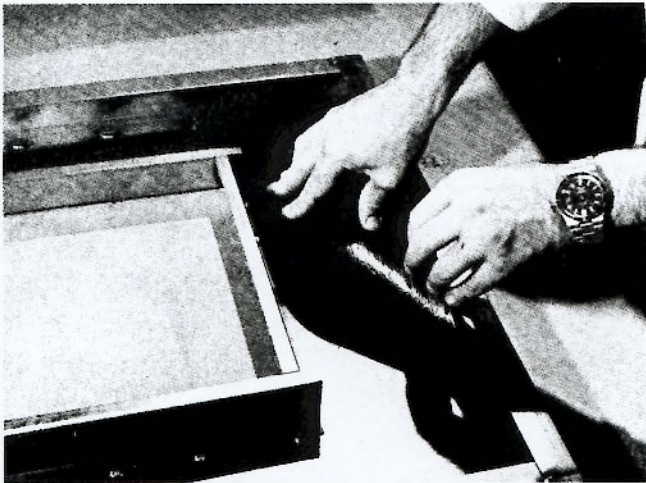
Water Resistance: Excellent

Solvent Resistance: Not damaged by occasional gasoline spillage.

Small amount of asphalt will be leached from material by most organic solvents.

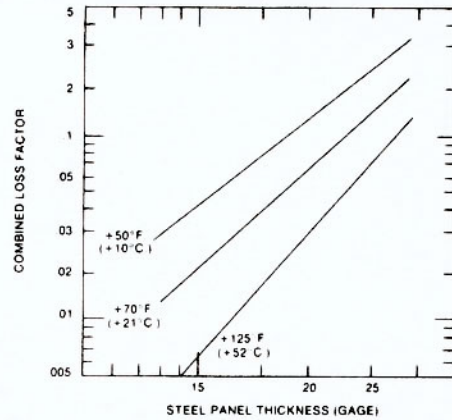
Temperature Range: -30°F to +400°F (-34°C to +205°C)

Flammability: Self-extinguishing. FMVSS302. ASTM D 1692. UL 94HB.

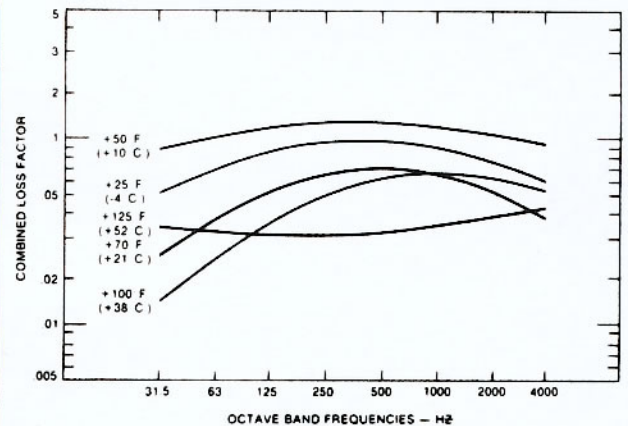


This pressure sensitive material can be readily attached to radiating metal surfaces to obtain acoustic and vibration control.

Combined Loss Factor as a Function of Panel Thickness and Temperature (Frequency = 250Hz)



Combined Loss Factor as a Function of Frequency and Temperature TEC Damping Sheet on 20 Gauge Steel Panel



Specifications are subject to change without notice.

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