

VibStop Vibration Damping Sheet



Description

Our VibStop Vibration Damping Sheet is a lightweight, self-sticking rubber sheet that reduces vibration and ringing on resonating materials. VibStop damping sheets can be applied directly to sheet metal, wood, fiberglass, and plastic surfaces. VibStop Vibration Damping Sheets require no special tools to install.

These sheets use an advanced butylene rubber bonded to a thin layer of black aluminum to reduce vibration. Unlike other vibration-damping materials, VibStop utilizes sheer force to control vibration. The thin layer of aluminum helps to prevent a substrate from bending beyond a given point.

Automotive body panels and machinery parts constructed of sheet metal, fiberglass, or plastic vibrate at various frequencies. If they vibrate at a high rate, this generates noise, contributing to fatigue and stress levels while also impacting optimal equipment performance. VibStop will help reduce noise levels and increase equipment efficiency by preventing the conversion of sound energy into vibration energy. The sheets may also be used to create or replace flimsy plastic or paper vapor barriers behind interior panels.

VibStop Vibration Damping Sheet may be used to dampen vibrations of automotive body panels, boat hulls and bulkheads, HVAC ducting and metal plenums, sheet metal, cases, housings, and much more.

Installation Method

1. Cut the VibStop vibration damping sheet to the desired size.
2. Peel off paper backing and apply to the substrate's surface as required to reduce vibration.
3. Cut the sheet with scissors, a knife, or a die. Be sure to remove dust, grease, moisture, and other foreign matter from the application surface. The simplest application technique is to bend the pad slightly and attach it along its shortest edge.
4. Press the pad firmly into place, preferably with a roller for larger pieces. This reduces the risk of leaving air pockets that reduce the sound-damping capacity. The temperature of the pad and application surface should not be below room temperature during fitting.

Technical Characteristics

Size:	1' x 3'
Thickness:	0.060" (0.004" Foil and 0.056" Butyl)
Construction:	Non-curing butylene rubber with 4 mil aluminum layer
Packaging:	Box of 20 sheets
Weight:	0.39 lbs. ft ²
Color:	Black/Aluminum
Fire Rating:	Pass MVSS-302 with a rating of B<1 and UL HF94-VO
Working Temp:	40° F to 90° F
Shelf Life:	Best used within one year
Intended Use:	Applied to metal or other materials to reduce noise produced by vibration

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