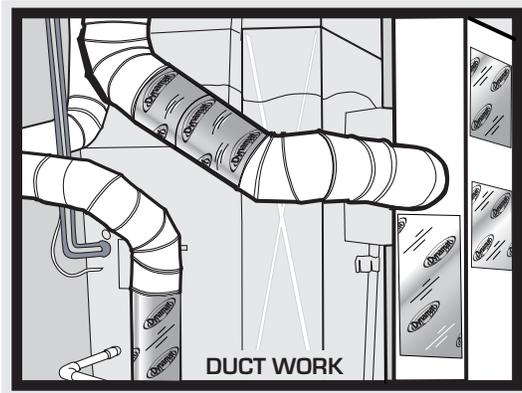


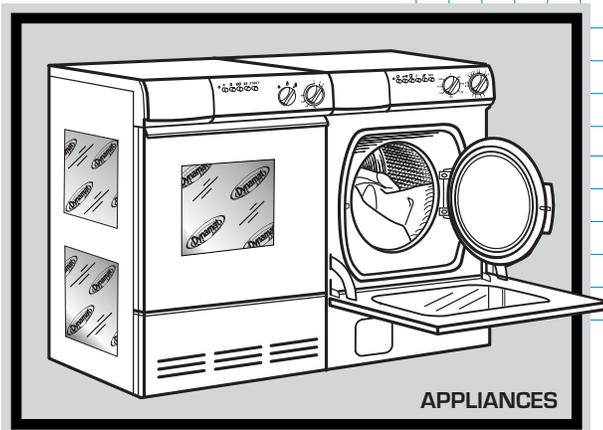
# Stop Noise at the Source

Quiet Your Appliances, Ductwork, Soil Pipes & Stainless Sinks



Unwanted noise produced by vibrating sheet metal is a common problem in every household. Dishwashers, air conditioners, duct work and piping create irritating noise problems that keep you from enjoying music, movies and everyday family life. All these items are made from sheet metal and can be made quiet with an application of **Dynamat Xtreme**.

**Dynamat Xtreme** is a very thin, light-weight, constrained-layer vibrational damper. **Dynamat Xtreme** has a self adhesive peel and stick backing with a high level of tack that conforms and fuses easily to sheet metal and any other hard substrate.



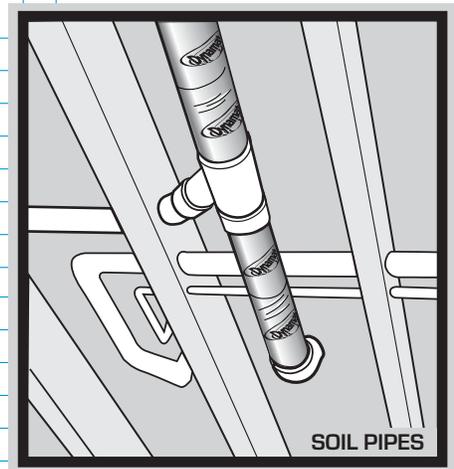
Without      With



Sheet metal      Sheet metal      Dynamat

Sheet metal subjected to impact creates noise. With Dynamat installed, the noise is transformed into silent energy through a process called "Vibro-Acoustic Energy Conversion". Dynamat converts the vibrational energy into low-grade thermal energy. The result is a more quiet and comfortable living environment.

## Dynamat Solves Noise Problems!



**Dynamat Xtreme Bulk Pak Part No. 50455**  
9 pcs. 18" x 32" (36 sq. ft.)

**Dynamat Xtreme Utility Pak Part No. 50400**  
24 pcs. 4" x 10" (6.6 sq. ft.)

# Specifications

**Appearance:**

Black butyl core with 4 mil aluminum constraining layer, self adhesive with release liner

**Thickness:**

0.067" (1.7mm)

**Temperature Range (Optimal Performance):**

14 °F to +140 °F (-10 °C to +60 °C)

**Temperature Range (Resistance):**

-65 °F to +300 °F (-54 °C to +149 °C)

**Adhesive Peel Strength:**

42.6 lb./in. (74.8 N/cm) on cold steel

**Chemical Resistance:**

Resistant to water and mineral oils

**Mass:**

0.45lbs./ft.<sup>2</sup> (2.20kg/m<sup>2</sup>)

**Acoustic Loss Factor @ Temperature (Using ASTM method E756 @ 200 Hz):**

0.081 @ +14°F (-10°C)

0.240 @ +32°F (+0°C)

0.257 @ +50°F (+10°C)

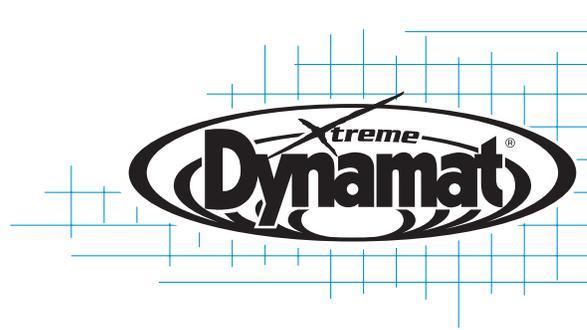
0.417 @ +68°F (+20°C)

0.259 @ +86°F (+30°C)

0.194 @ +104°F (+40°C)

0.140 @ +122°F (+50°C)

0.094 @ +140°F (+60°C)



# Installation

Panel resonance control starts with a minimum of 25% coverage of Dynamat. This works best centered in the panel you are quieting. (Note: Some panels may require full coverage to gain proper resonance control.)

Before you start your installation, be sure surface is totally free from dust, dirt and foreign matter. Dust will greatly affect the adhesion of the Dynamat thus reducing the damping efficiency.

Using a razor knife or scissors, cut the Dynamat to the desired shape and size (a cardboard or paper template may be helpful.) Remove the release liner from the back of the Dynamat and apply Dynamat to the prepared surface. On large surfaces, remove the release liner in sections working your way down and across the panel.

Apply the Dynamat to the panel surface with a Dynamat roller tool. Take the roller tool and work the Dynamat into all of the contours of the metal panel. Using a razor knife, poke holes in any air pockets that may have formed between the panel and the Dynamat. Work the air out with the roller tool. Eliminating air pockets will ensure lasting adhesion of the Dynamat to the panel, giving you maximum damping efficiency.