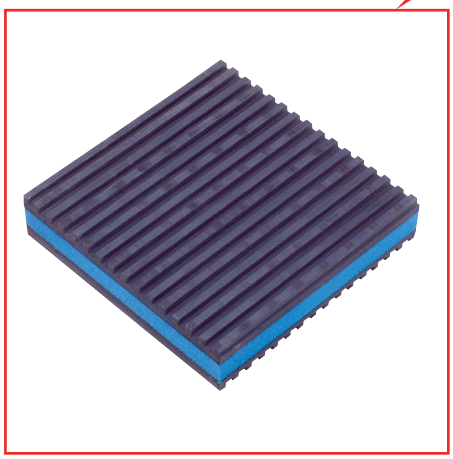
August 2020

EVA Anti-Vibration Pad



Product

EVA Anti-Vibration Pad

The EVA Anti-Vibration Pad is designed to eliminate vibrations emanating from motor driven appliances such as compressors used in air-conditioning and refrigeration units. This product consists of a polymeric foam core laminated with two ribbed rubber sheets. These sheets are laminated in such a way that the ribs are ninety degrees opposed to one-another. This opposition provides a natural resistance to creep or "walking" normally associated with vibrations.

Product Construction/Material Specifications

• **Rubber** — Used as the anti-skid surface on the top and bottom of the pad. This rubber is a styrene butadiene rubber with aggressive tensile strength, and elongation characteristics suitable for the application.

• **EVA** — Used as the core vibration dampening material. This EVA material is a polymeric foam material. It is constructed of a proprietary blend of ethyl vinyl acetate and other suitable enhancements.

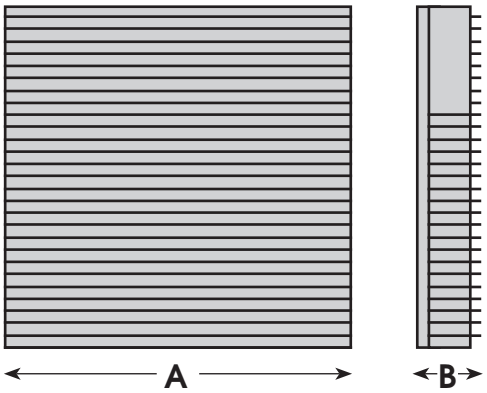
• **Weight** — 1.34 oz./in^2

Environmental Conditions

The EVA anti-vibration pads may be stored in their original fiberboard cartons as supplied by DiversiTech. These cartons may be palletized in unites not to exceed 3 feet in height for pallet stability and weight.

The EVA Pad is suitable for storage and operation in a wide range of temperatures from -13°F to 167°F.

The EVA pad is highly resistant to water absorption. Additionally, the material is resistant to acid, alkalai, gasoline, oil, aromatic hydrocarbons, ketones, oxidation and ozone.

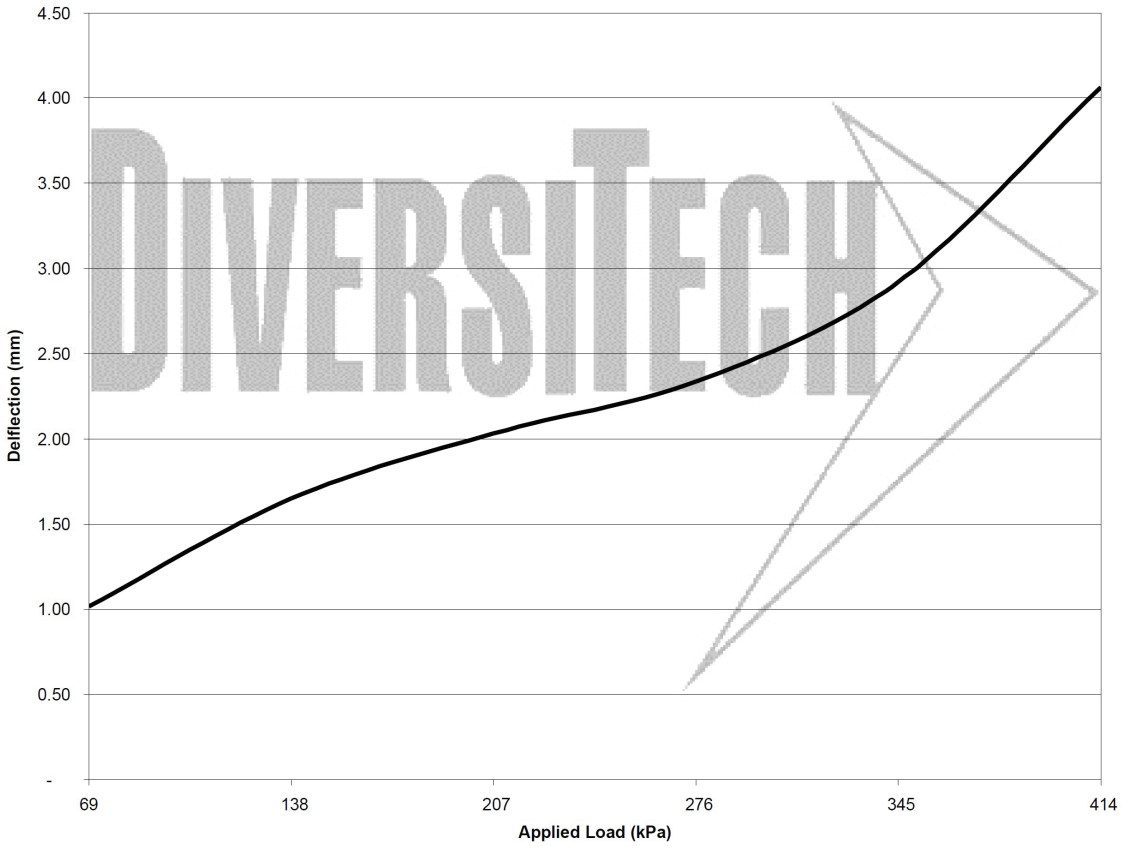


Static Loading Data

Given a uniformly applied static load the following chart defines measured deflection. A loading maximum of 340 kPa (49.3 psi) is permissible with the EVA product.

PART NUMBER	QUANTITY PER CASE	"A" DIMENSION	"B" DIMENSION
MP-2E	48	2"	.86"
MP-3E	36	3"	.86"
MP-4E	24	4"	.86"
MP-6E	24	6"	.86"
MP-12E	12	12"	.86"
MP-18E	6	18"	.86"

Static Loading Data



EVA Dynamic Loading Criteria

