



Description:

POLYDAMP® Extensional Damping Pad (EDP) is a lightweight, extensional damping pad with a pressure sensitive adhesive backing. Designed for used on thin metal or plastic panels, EDP reduces vibration and resulting airborne sound. The composite is durable, moisture resistant and odorless.

Applications:

EDP reduces vibration in trucks, buses, air compressors, machine tools, recreational vehicles, business machines and other types of equipment. EDP is available in combination with POLYDAMP® Acoustical Foam and POLYDAMP® Melamine Foam for reduction of airborne sound, as well as vibration damping.

Typical Properties:

Weight:	0.45 lb/ft ² (+/- 10%)
Color:	Black
Thickness:	0.06" Nominal
Sheet size:	54" x 40" untrimmed
Tensile:	300 psi minimum (ASTM D461)
Flammability:	FMVSS 302, UL94 HBF
Chemical Resistance:	Resistant to water and mineral oils
Temperature Resistance:	-5°F to 250°F

Adhesive Backing:

Type:	Acrylic
Thickness:	0.003" Nominal

Acoustical Performance per ASTM E756:

Composite Loss Factor at 68°F:

On 0.04" Steel at 200Hz	0.13
at 1000Hz	0.15

08/22

HEALTH & SAFETY DISCLAIMER:

Polymer Technologies provides application and technical guidance on acoustical and thermal uses for its products, supporting customer projects as requested. Polymer conducts acoustical, thermal, and physical property testing either in house or via independent laboratories, when required.

Polymer Technologies neither processes chemicals nor has chemicals expertise, and rather relies on its suppliers for technical information relating to formulations and resistance of materials to chemical or environmental exposures. Polymer Technologies requires its customers to evaluate materials supplied for their specific applications and application environments to confirm compliance with all health and safety regulations.

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indicators of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for his specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.