Polymer Technologies Inc.
Engineering Sound Solutions®

Technical Data Sheet
Materials Specifications For:
EDP
POLYDAMP® Extensional Pad

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

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