MASS LOADED BARRIERS

High-density viscoelastic sheets (1230 × 1030 mm) in 5 or 10 kg/m². Increase surface mass to improve sound isolation in demanding technical applications.



The **AKUSTIKABSORBER MASS LOADED BARRIERS** range consists of **high-density viscoelastic sheets** designed to **improve airborne sound isolation by increasing the surface mass** of walls, panels, and enclosures. Flexible and easy to adapt, they can be used as **acoustic barriers** or incorporated as an **intermediate layer in multilayer systems**.

Manufactured from a **highly mineral-filled viscoelastic material**, they are available in two standard surface masses: **5 kg/m² and 10 kg/m²**, allowing acoustic performance to be adapted to the requirements of each application. Their viscoelastic behavior also provides an additional **damping effect**, helping to reduce panel vibration and resonance.

MASS LOADED BARRIERS are supplied in **1230 × 1030 mm sheets**, making them easy to cut and adapt to **machinery enclosures, equipment housings, panels, floors, and technical compartments**. Their high surface mass makes them particularly effective for **improving sound isolation, especially at low frequencies**, and enhancing the overall performance of multilayer acoustic systems.

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In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
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Drawings

MP5 A

Type	Code	Self-adhesive	Density(kg/m³)	Weight /m2 (lbs)	Thickness(in)
MP5 A	26603	1-Side	1950	11	0.1

MP10 A

Type	Code	Self-adhesive	Density(kg/m³)	Weight /m2 (lbs)	Thickness(in)
MP10 A	26604	✓ 1-Side	1950	22	0.2

MP5 AA

Type	Code	Self-adhesive	Density(kg/m³)	Weight /m2 (lbs)	Thickness(in)
MP5 AA	26605	✓ 2-Side	1950	11	0.1

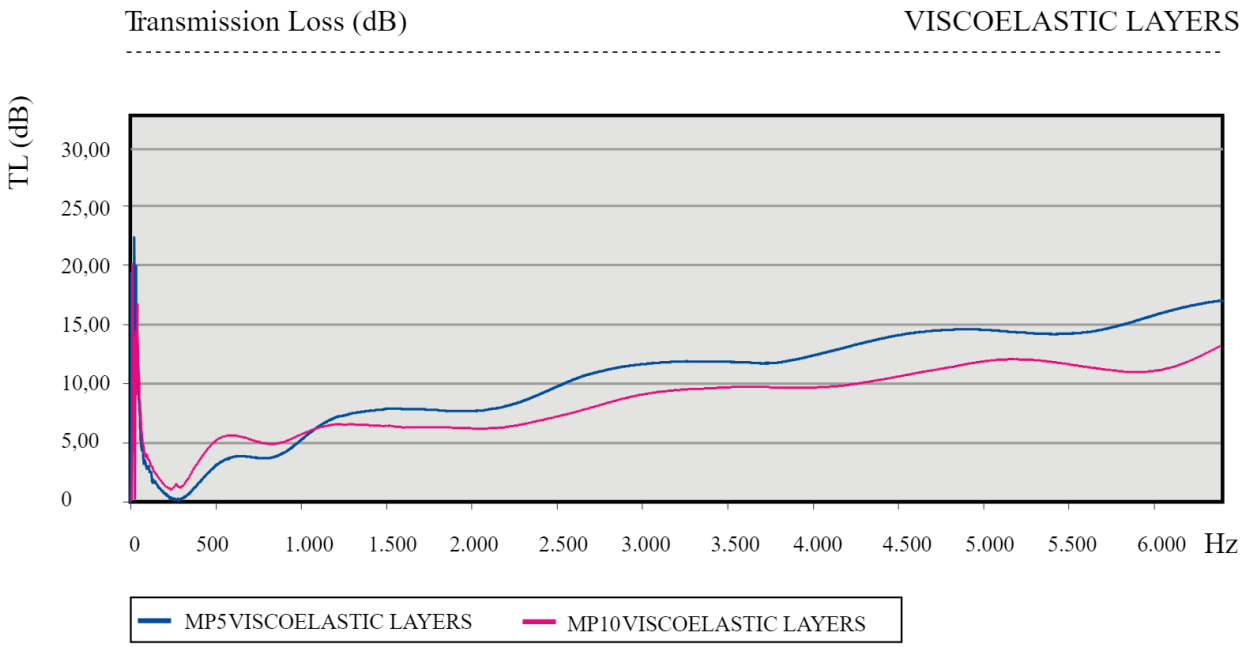
MP10 AA

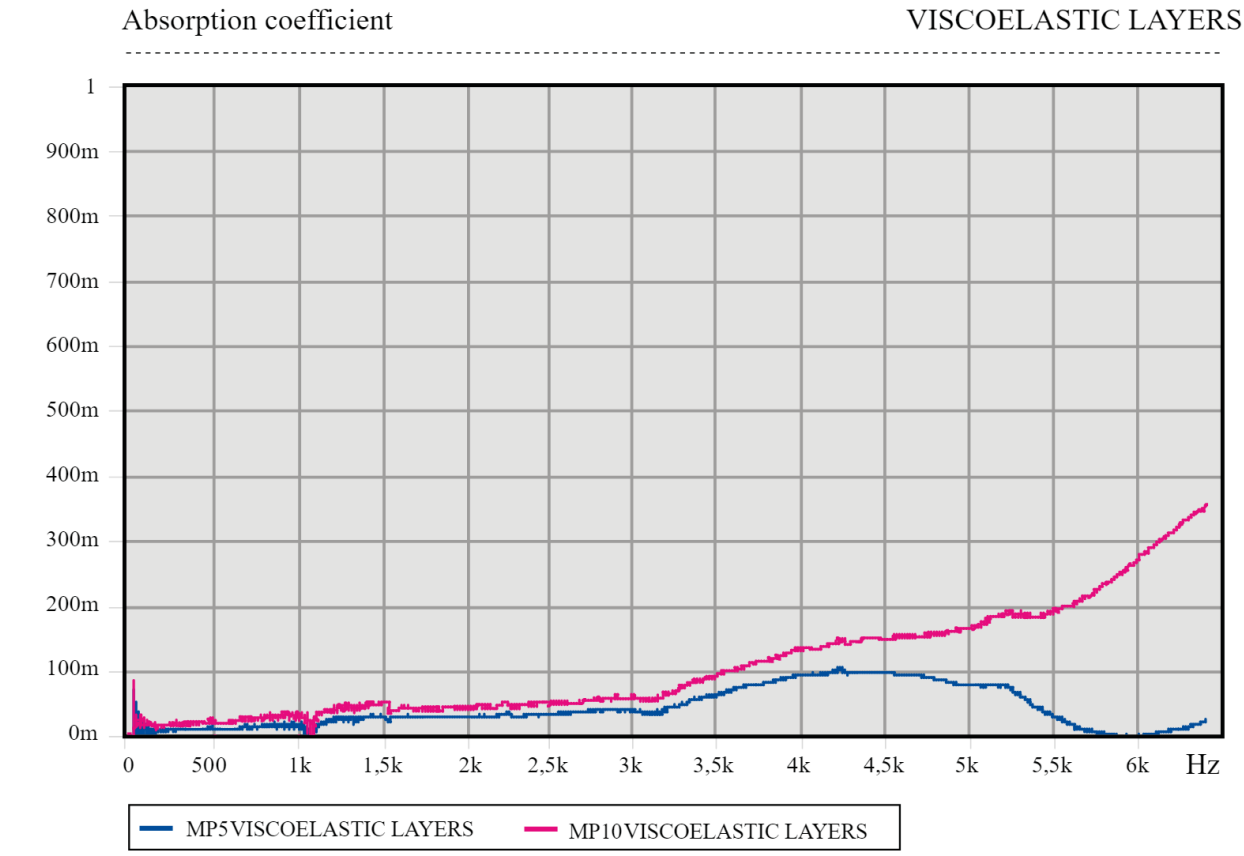
Type	Code	Self-adhesive	Density(kg/m³)	Weight /m2 (lbs)	Thickness(in)
MP10 AA	26606	✓ 2-Side	1950	22	0.2

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Elastic properties





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Technical characteristics

- CompositionRubber elastomer compound mixed with Barite.
- ThicknessesMP5: 2.6mm / MP 10: 5mm
- Sheets1230x1030 mm

Advantages

Improved sound insulation

This material delivers superior acoustic performance thanks to its multiple insulating layers and heavy damping masses.

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