PI

Acoustic absorption material made from polyurethane foam with a glass fibre facing. High sound absorption and good mechanical resistance.



The **AKUSTIKABSORBER PI** range is designed to improve **acoustic comfort through sound absorption** in enclosed spaces. It uses **open-cell polyurethane (PU) foam** as the absorbing core, a material particularly effective at dissipating sound energy over a broad frequency range.

To improve durability and surface resistance, the foam is covered with a **glass fibre facing**, providing mechanical protection against wear, abrasion and particle accumulation. This combination makes PI particularly suitable for applications requiring both **effective sound absorption and good in-service resistance**, including **technical rooms, industrial environments, machinery rooms, acoustic cabins and ventilation ducts**.

The porous structure of the polyurethane provides **effective absorption at medium and high frequencies**, helping to reduce **reverberation and ambient noise levels**. The facing also facilitates handling and maintenance without compromising the acoustic performance of the material.

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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 catalogue without prior notice.
Document generated on 15/11/2026.

Drawings

PI-15 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-15 sheet	26019	-	18	0,663

PI-15 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-15 A sheet	26180	✓	18	1,113

PI-15 roll

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-15 roll	26016	-	18	0,663

PI-15 A roll

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-15 A roll	26183	✓	18	1,113

PI-25 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-25 sheet	26020	-	18	0,965

PI-25 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-25 A sheet	26181	✓	18	1,415

PI-25 roll

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-25 roll	26017	-	18	0,965

PI-25 A roll

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-25 A roll	26069	✓	18	0

PI-40 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-40 sheet	26021	-	19	1,418

PI-40 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-40 A sheet	26182	✓	19	1,868

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PI-40 roll

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-40 roll	26018	-	19	1,418

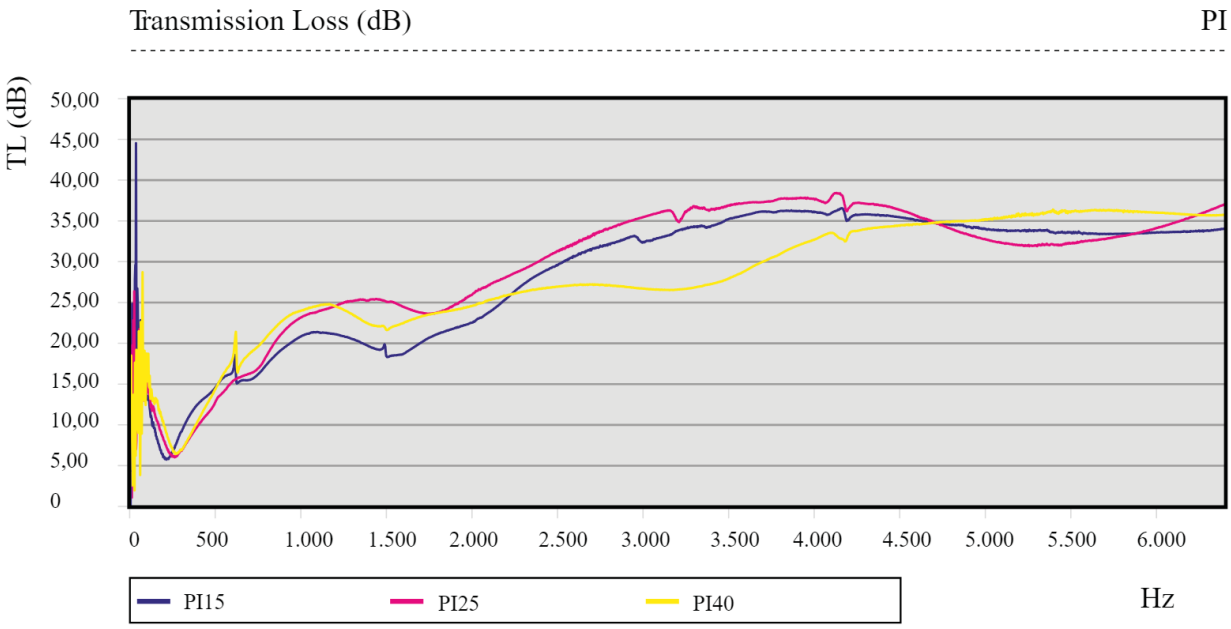
PI-40 A roll

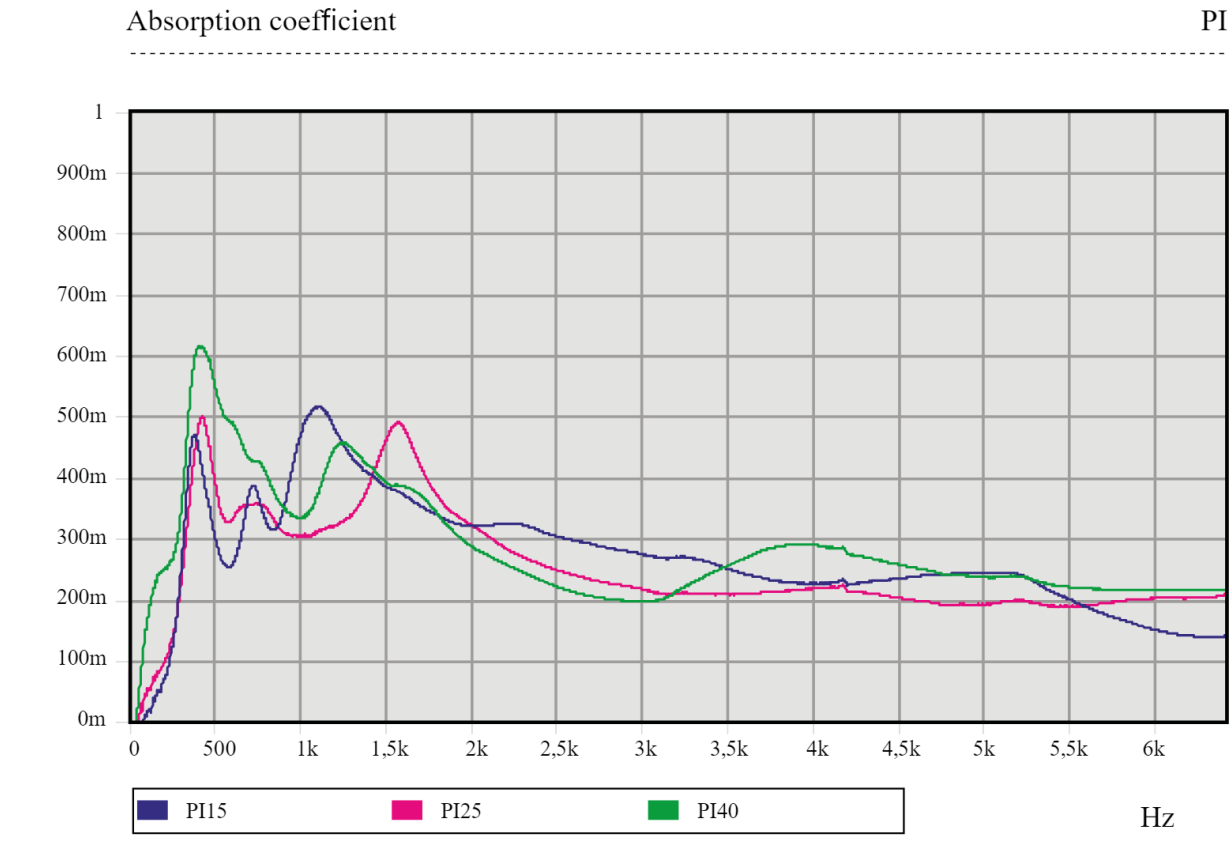
Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PI-40 A roll	26184	✓	19	1,868

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Elastic properties





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Technical characteristics

- CompositionWhite coloured fiberglass facing and absorbing polyurethane foam.
- Thicknesses15mm 25mm 40mm

Formats

- Sheets1200x1000 mm
15mm thick, 8 Sheets per box.
25mm thick, 5 Sheets per box.
40mm thick, 3 Sheets per box.
- Rolls1500mm wide x approx. 20m long

Advantages

Material highly resistant to abrasion and heavily soiled environments

Highly abrasion-resistant material, suitable for frequent cleaning.

High absorption capacity

This material is highly porous and, thanks to its high absorption capacity, reduces reflections and reverberation time in enclosed spaces.

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