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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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

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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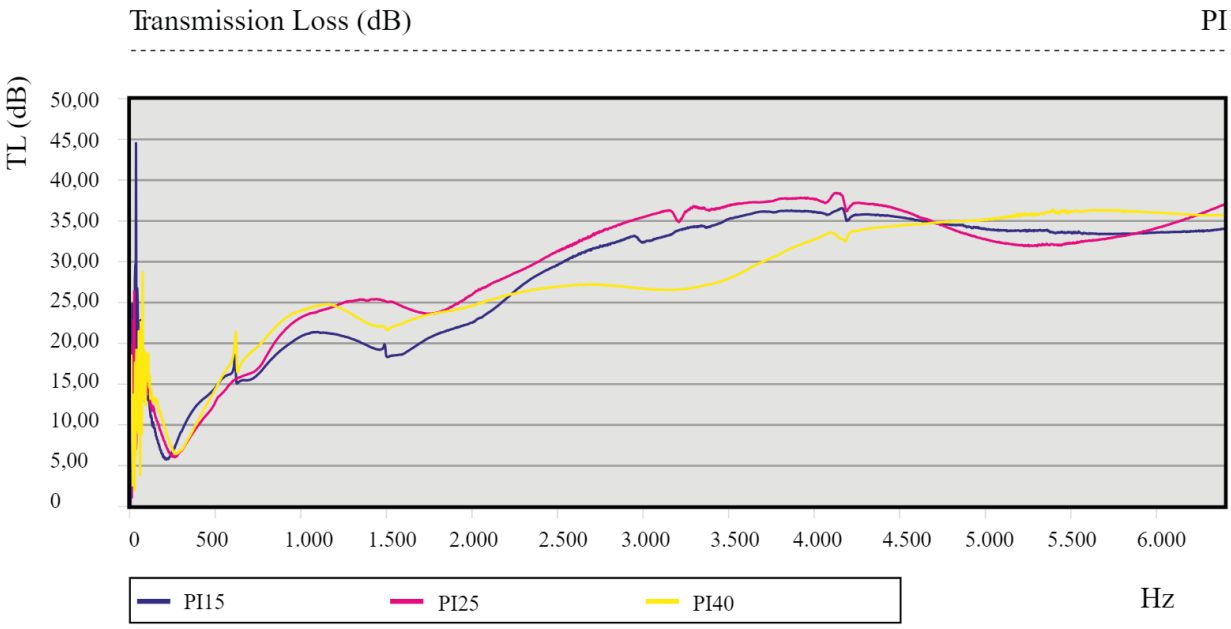
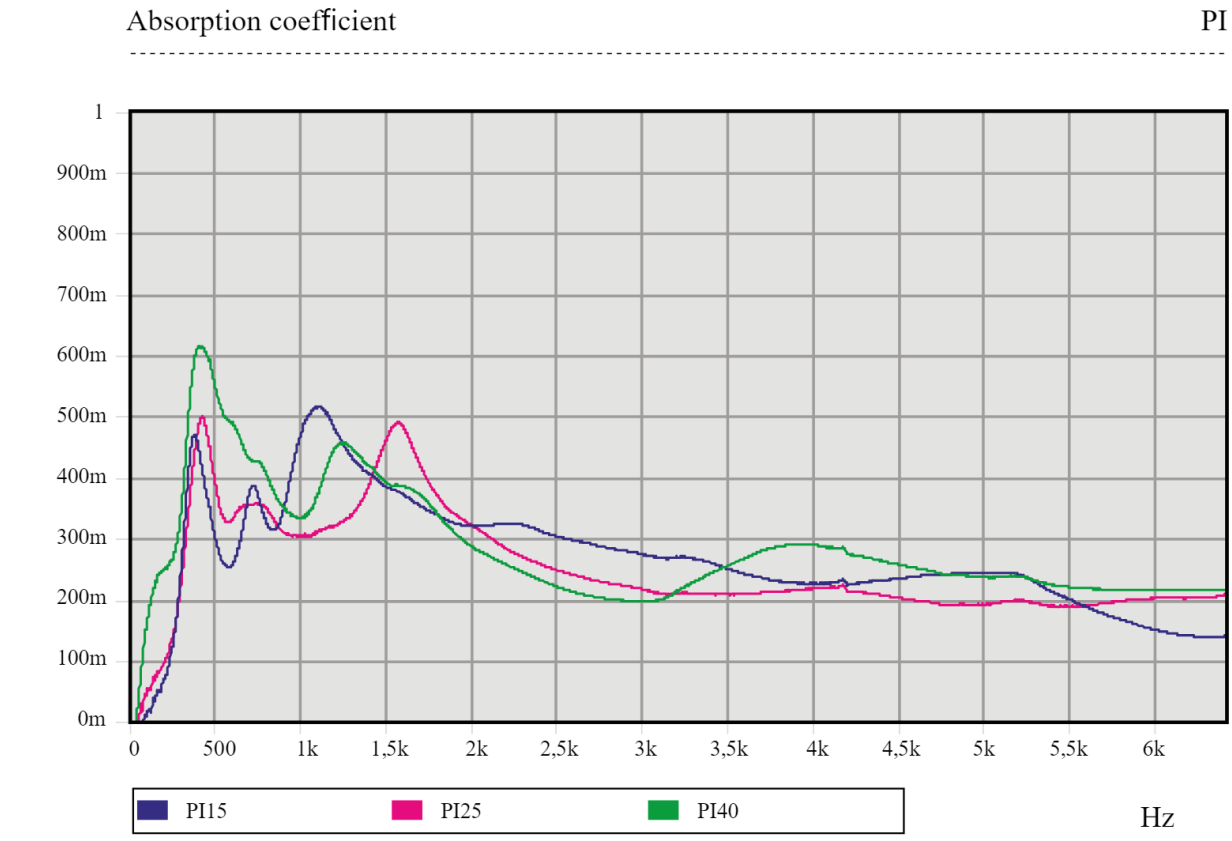
Elastic properties





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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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