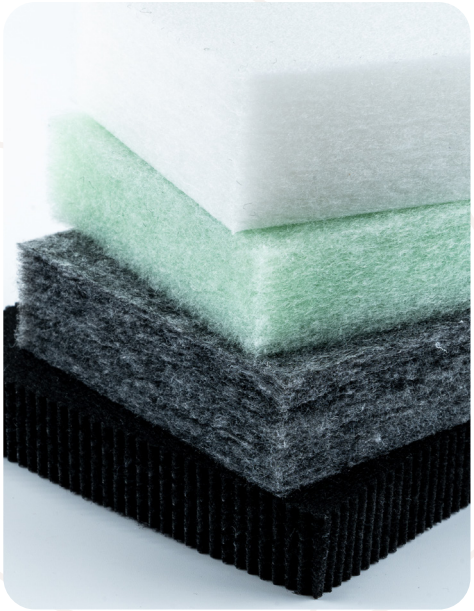
PLASTIC MATERIAL

Sound-absorbing

Sound-absorbing materials, such as synthetic fibres, polyurethane and textile felt, are essential to reduce noise in construction, industrial machinery and refrigeration systems, improving sound insulation and environmental comfort. Their porous structure and ability to dissipate sound energy make them effective in improving sound insulation, helping to create more comfortable and quiet environments.

Application sectors

- HVACR
- Automotive - naval
- Energy
- Construction



Feinfiber

IT IS a composite material consisting of closed-cell cross-linked expanded polyethylene, thermally coupled with thermobonded polyester fibre, designed to improve the acoustic comfort of architectural environments.
The combination of materials ensures high levels of acoustic insulation, particularly against impact noise, as well as excellent performance in terms of dynamic rigidity, compressive strength and long-term stability.

Coatings

* Rolls only

- Smooth aluminium
- Embossed aluminium
- Glass fabric *
- PU film
- PE film
- TNT*
- Adhesives



Feinglass

IT IS a fibreglass non-woven fabric, produced through a needle-punching process and reinforced with cotton-thread stitching, which ensures its mechanical stability. The material is designed for thermal and acoustic insulation applications and can be used at high temperatures, up to approximately 650°C.
Thanks to its low thermal conductivity, absence of binding agents and safety and harmless properties, it is a reliable solution for industrial, building and plant applications.

Coatings

- Smooth aluminium
- Embossed aluminium
- Glass fabric
- PU film
- PE film
- TNT
- Adhesives

HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

FEINROHREN GROUP

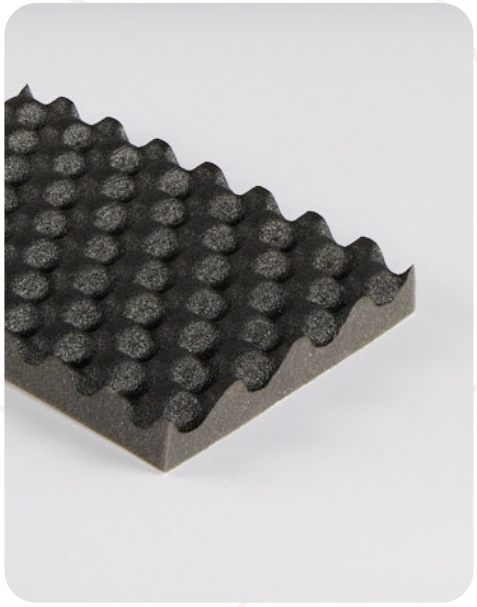


Feinfelt

IT IS a technical felt made of textile fibres bound by duroplastic phenolic resin, also available with flame-retardant or expandable flame-retardant additives. It is available in thicknesses from 10 to 40 mm and with weights of between 600 and 3000 g/m².
Thanks to its thermal and acoustic insulation properties, Feinfelt represents a versatile solution for sectors such as automotive, construction and industrial applications, contributing to the reduction of noise and heat loss, providing benefits in terms of comfort and energy efficiency.

Coatings

- Smooth aluminium
- Embossed aluminium
- Glass fabric
- PU film
- PE film
- TNT
- Adhesives



Feinfon

IT IS an open cell expanded polyurethane obtained by mixing isocyanate and a formulation containing silicones, catalysts and blowing agents.
Its open microcell structure promotes thermal exchanges by conduction and radiation, giving the material good thermal insulation performance and excellent sound-absorbing properties.

Coatings

- Smooth aluminium
- Embossed aluminium
- Glass fabric
- PU film
- PE film
- TNT
- Adhesives
- Imitation leather

Certifications Euroclass 13501-1 FSSVM302/ISO3795 CAM UL 94

Custom couplings Study and feasibility for the coupling of multilayer materials at the customer's request for materials that must meet specific thermo-acoustic characteristics.

HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

FEINROHREN GROUP