PLASTIC MATERIAL

Sports & Leisure

Cross-linked expanded polyethylene and other expanded materials are ideal technical solutions for sports, technical clothing and leisure. Thanks to their lightness, resilience, breathability and ability to absorb shocks, they improve comfort, durability and performance of footwear, padding, sports equipment, slippers and packaging.
Manufactured with advanced technologies, it is PVC- and VOC-free, REACH and RoHS compliant, and available with functional treatments (antibacterial, conductive). Its structure allows customisations such as perforation, embossing, die-cutting and coupling with fabrics or technical films. The thermoformability makes it possible to create complex geometries with high precision, suitable for both prototyping and mass production.
Available in sheets or rolls, with densities from 20 to 250 kg/m³ and thicknesses from 2 to 120 mm, it is offered in standard colours (white, black, grey) or on request.

Additional information

- Thermoformable
- Perforable
- Can be coupled with fabrics and adhesives
- Antibacterial and conductive version available

Certifications on request

Formats

Sheets (max 1500 × 2000 mm)

Rolls (width up to 1800 mm, depending on the density)

Custom couplings

Feasibility studies for the lamination of multilayer materials, tailored to client requirements for items that must meet specific mechanical, comfort, and performance criteria.







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

FEINROHREN GROUP