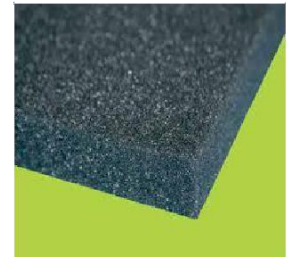


POLYURETHANE FOAM

Polyesters with modified fire behaviour

This range of polyester-based polyurethanes are produced in conformity with some of the most important fire behaviour standards for cellular materials like, for example, FWVSS 302 for the car industry and UL 94 for the electronic components sector.

Density from 25 kg. to 60 kg.



Conventional polyesters

Polyester-based flexible polyurethane foams have the following characteristics that are not shared by conventional polyethers:

Can be flame laminated to various types of material like fabrics and plastic films; a more regular cell structure and greater resistance to the passage of air for better sound absorption; greater strength; greater resistance to organic solvents. These are used in a wide range of applications in sectors like: automotive, clothing, footwear, soundproofing, personal and home hygiene, packaging, thermal insulation, etc.

Density from 20 kg. to 60 kg.

Conventional polyethers

This range of products offers a good mix of high performance and reliability even in the low-density products, and there is a very large range to choose from.

This allows us to satisfy the most varied requirements like, for example: furnishings, mattresses, clothing, packaging, etc.

Density from 21 kg. to 52 kg.

Polyethers with modified fire behaviour

This range of polyether-based polyurethanes are produced to meet the requirements of some of the most important national and international flame retardant regulations for cellular materials both for the upholstery industry and the automobile and electronic components industries (the user must ensure that the material is suitable for the specific intended use). They combine the above-mentioned properties with the physical properties of conventional polyether foams.

Density from 21 kg. to 50 kg.

Polyethers for flame lamination

These foams are different from conventional polyether-based foams in that they can be laminated to other materials through the process of flame lamination.

They can be laminated to various materials such as fabrics and plastic films. They are mainly used in the automotive and clothing industries.

These foams offer good comfort, good elasticity and resistance to wet aging.

Density from 21 kg. to 90 kg.

POLYETHYLENE FOAM

Polyethylene foam is a special closed cell foam that because of its mechanical and chemical properties is used in many production sectors.

Normal Chemical Cross-Linked Polyethylene

This range of polyethylene is mainly for general use in the industrial sector.

Density from 30 kg. to 200 kg.



CL1 Chemical Cross-Linked Polyethylene

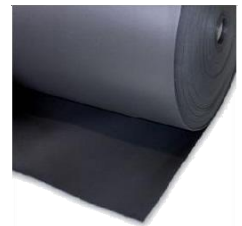
This type of self-extinguishing polyethylene in line with the Italian CL1 standard is mainly used in the automotive, construction, insulation, and thermo-hydraulic sectors (the user must ensure that the material is suitable for the specific intended use).

Density from 30 kg.to 35 kg.

Normal Physical Cross-Linked Polyethylene

This range of polyethylene foam with physical reticulation and produced with two skins is used in all sectors, from construction, leisure sports, industry; whenever a more stable expanded foam is required.

Density from 25 kg. to 250 kg.



FR Physical Cross-Linked Polyethylene

This range of self-extinguishing physical cross-linked polyethylene foam produced with two skins is used in all sectors, from construction, leisure sports, and industry; whenever a more stable expanded foam or a self-extinguishing product is required.

Density from 25 kg. to 250 kg.

Chemical Non Cross-Linked Polyethylene

This range of polyethylene is mainly used as a packaging solution, but with current developments it has become an excellent product for acoustic insulation.

It is used in a more general way in the industrial and construction sectors.

Density from 15 kg. to 50 kg.



ELASTOMERIC RUBBER

Nitrile Rubber

This product is a fire retardant insulating elastomeric foam used in all sectors, from civil and industrial construction, to refrigeration and the marine sector.

Density of 60 Kg with thicknesses from 3 to 60 mm.



PVC

Expanded PVC

100% expanded PVC product used in various sectors like thermal and acoustic insulation, automotive, advertising, construction sectors and industry in general; it can be made in three different qualities;

- *Open cell for a quick return after compression*
- *Closed cell for a slow return after compression*
- *Rigid (Open Cell)*

This material is supplied only in two heights of rolls, 100 cm and 140 cm. Thicknesses go from 1 mm to 23 mm.

Standard colours: grey, black, brown, white and others upon request.

Density from 100 Kg/ m³ to 280 Kg/m³

SOUNDPROOFING

Acoustic insulators are manufactured taking into account effective usage requirements. Multi-layer soundproofing material made with the lamination of smooth open cell polyurethane foam, alternative masses to lead and polyethylene. They are suitable for partition walls, floors, soundproof booths, wastewater, recording studios and the industrial sector. They are available in various combinations; adhesives can be supplied as well as custom designed die-cuts.



FINISHES

All products can be supplied with various kinds of self-adhesives; the foamed products can be laminated with various films or fabrics according to the customer's requirements. Moreover, the polyethylene foams can be supplied with the embossing shown in the photo on the side.

