

Cross Linked - Closed Cell Polyethylene Foams



Application

Designed for the needs of shoe, sports equipment, vehicle, boat and construction industries. Excellent as thermal and condensation insulation.

Polyethylene foams are also widely used as seals, packaging materials and seat padding. Also used as frost mats to protect concrete from freezing during the hardening process.

Physical Properties

- Cross linked and Closed-cell structure
- Fine surface
- Mechanical and elastic stability
- High resistance to wear and tear
- Excellent for heat-/ thermoforming
- Vacuumforming
- Not water absorbing

Nominal thickness

Starting from 3 mm

Volume weight

Starting from 25 kg/m³

Thermal conductivity

ISO 8302 0.042 W/m K (30 kg/m³)

Water absorption

28 days ISO 2896 4.5% (30 kg/m³)

Thermal resistance

-60 – +90 degrees Celsius

Delivery

In rolls, sheets or CNC cutted complex pieces. Laminated together with different densities. Available also with self adhesive.



Versatile and easy to process. Excellent as thermal and condensation insulation.

Oy Meluton Ab

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