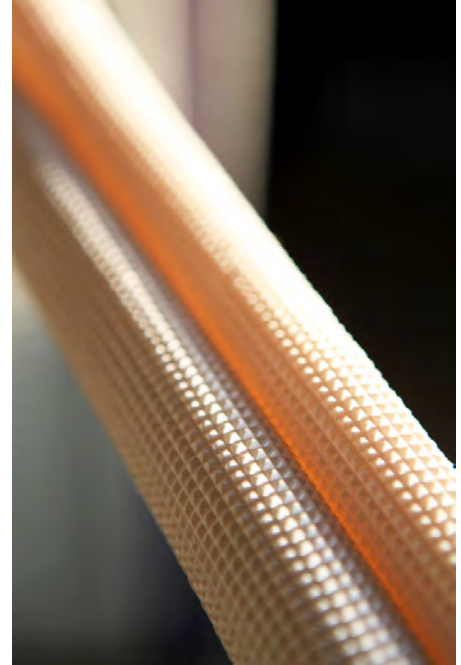
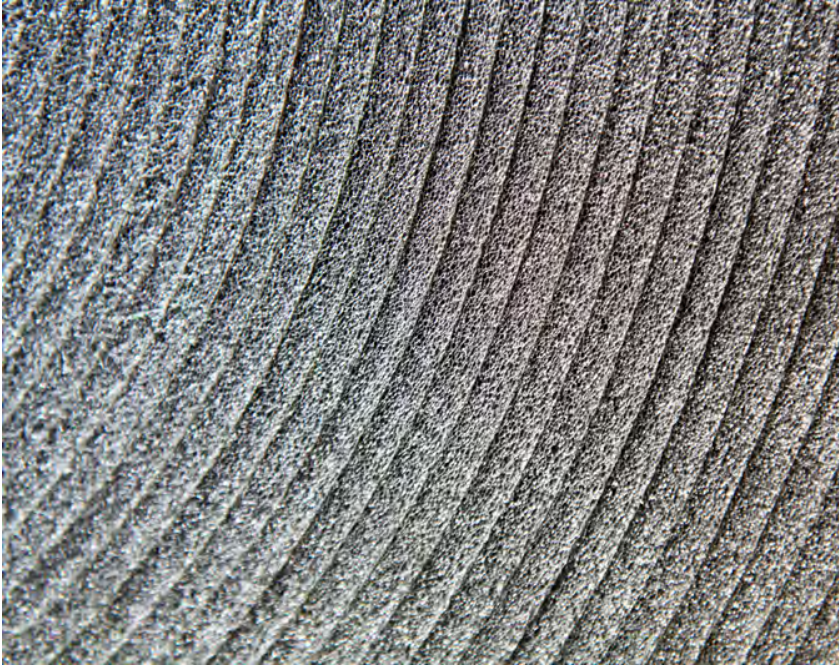


PRODUCT DATA SHEET

Physically Cross-Linked Polyethylene Foam



PRODUCT DESCRIPTION

that can be produced with advanced technology, have superior mechanical properties and an advanced dimensional stability. The product is extruded with the help of additives and lasteners which is followed by the electron beam process.

After the electron beam process with hot oven operation the physical characteristic of the product increases by means of dilatation, and a product with a very closed-cell structure and a smooth surface is obtained. It can be produced for different sectors in cut plate, roll, tube, extra-laminated or non-laminated forms.

PRODUCT ADVANTAGES

- It has a closed cell structure, it is water and moisture resistant
- It has an effective sound and heat insulation capacity
- It is eco-friendly, and does not contain HCFC and harmful / banned chemicals.
- It is compatible with RoHS (Restriction of Hazardous Substances) that limits the usage of lead and other toxic substances standards .
- It does not contain fungi or bacteria, it is odorless
- It is not affected by chemicals or external environment conditions
- It recovers itself after impact, does not cave in.

SERVICE

- standard sizes available from stock
- private label and / or special labelling available
- competent experienced technical support available in the field and by phone

PRODUCT DATA SHEET

Physically Cross-Linked Polyethylene Foam



MAIN FEATURES

- It has a closed and steady cell structure, it is water and moisture resistant.
- It has an effective sound and heat insulation capacity.
- It is eco-friendly, and does not contain HCFC and harmful / banned chemical.
- It is compatible with RoHS (Restriction of Hazardous Substances) that limits the usage of lead and other toxic substances standards.
- It does not contain fungi or bacteria, it is odorless.
- The internal texture is completely sterile thanks to the Electron Beam method.
- It has superior physical and mechanical features despite elasticity and lightness.
- It is not affected by chemicals or external environment conditions.
- It is an ideal material in aesthetic applications thanks to its smooth surface appearance.
- It recovers itself after impact, does not cave in.
- It can be shaped by heat (thermoforming).
- It can be produced as a roll or sheet.

OPTIONALLY:

- It can be one-sided or double sided film tape and fabric laminated on special customer demand
- It can be produced with flame-proof feature.
- It can be produced in various colors.
- It is suitable for wide heat range.



APPLICATION

- Automotive
- Sports, health and entertainment
- Home Appliances & electronics
- Polyethylene Tape
- Construction Industry

PRODUCT DATA SHEET

Physically Cross-Linked Polyethylene Foam



Production Standart	
Thickness and Density	1 mm > 67-200 kg/m ³
Single fold	2-5 mm > 28-200 kg/m ³
	6-10 mm > 28-100 kg/m ³
Thickness Multi-Fold	10-150 mm (Lamination cannot be made for materials having higher density than 145 kg/m ³)
Roll Width	800 – 1500 mm
Roll Length	25/50/75/100/150/200 m
Color	Natural / Anthracite / White / Gray
Fire Resistance	FMVSS 302 / ISO 11925-2
Anti-static	Can be produced upon request
Composite	Metalized Film, Aluminum Film, Adhesive Tape Film Lamination
Waiting Period	There is no waiting period
Packaging	* Standart * Stretch Film Wrapped * Nylon Pouch
Label	Standart AT YAPI Label

