

# Technical Data Sheet

**Product: Extruded Polyethylene Liner - EPE 200-500**

## Product Description

- Extruded closed cell foam from LDPE (low-density polyethylene)

## Liner Drawing



## Liner Characteristics

Standard Thicknesses (mm): **1,00 / 1,20 / 1,40 / 1,50 / 1,80 / 2,00**  
with tolerance:  $\pm 10\%$

Density (kg/m<sup>3</sup>): **200 / 250 / 300 / 350 / 400 / 500**  
with tolerance:  $\pm 10\%$

Color: **White**

## Chemical Attributes

After literature study of the effects of chemicals on EPE in combination with actual testing the following recommendations can be made:

**E – Excellent    L – Limited    U – Unsatisfactory**

### Method:

Contact layer tested in contact with test medium at 23 °C during 8 weeks

Alcohols	E
Aliphatic Hydrocarbons	U
Alkalis	E
Aromatic Hydrocarbons	U
Esters	E
Halogenated hydrocarbons	U
Ketones	E
Mineral Acids	E
Mineral Oils and Fuels	E
Water and Aqueous Salt Solutions	E

Please note that these results are only indicative. Therefore it is strongly suggested to test the material in contact with the specific product.

## Advantages

- Mechanically strong
- Good chemical resistance
- Good machineability
- Non-toxic and free of odours and taste

## Food Contact Approval

- The ingredients of EPE materials are authorised by the regulations of FDA and Commission Regulation (EU) No. 10/2011

## Storage and Handling

- The material must be protected from direct sunlight and high atmospheric humidity and stored for the period of 2 years.
- It is also recommended to store the material at room temperature (15°C – 25°C). If stored at lower temperatures the material should be acclimatized before processing for about 24h until it reaches room temperature (15°C – 25°C).