

Technical Data Sheet

Product: **F948**

Product Description

- A three layer co-extruded product: two solid polypropylene surfaces cover a central layer of foamed polypropylene with closed cells. This structure is a single polymeric unit which cannot delaminate.
- The foamed center core provides the resiliency needed for sealing and the solid facings prevent evaporation and product penetration.

Liner Drawing



Liner Characteristics

Standard Thicknesses (mm): **1,00 / 1,25 / 1,50 / 1,75 / 2,00**
with tolerance: $\pm 12\%$

Density: **500 kg/m³** (tolerance +10%)

Color: **White**

Chemical Attributes

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

E – Excellent L – Limited U – Unsatisfactory

Method:

Complete immersion of pre-cut pieces in testing 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	L
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
- Excellent chemical resistance
- Good compressibility
- No lamination, no adhesive
- No discoloration
- Good machineability
- No absorption
- Ideal application and removal torque
- No dusting: foam particles cannot come loose
- Non-toxic and free of odours and taste
- Cost efficient; no additional lamination activity
- Good heat resistance, steam sterilisable

Food Contact Approval

- The seal F 948 complies with the Food contact compliant following US FDA 21 and Commission Regulation (EU) No. 10/2011.

Storage and Handling

- It is recommended to store the material at room temperature (between 15°C and 35°C) and humidity between 30 and 75%.
- The material must be protected from direct sunlight and high atmospheric humidity during storage. Large fluctuations in ambient temperature and high atmospheric humidity may lead to moisture condensing inside the packaging.