

## Product Information Sheet

### EKATHERM-FL (light grey) and EKAFROST-FL (dark grey) Boxes

<b>Material</b>	Closed cell polyethylene
<b>Colors</b>	Light grey / dark grey
<b>Weight</b>	appr. 30 kg/m <sup>3</sup> (ISO 845)
<b>Compression stress (25% / 50%)</b>	appr. 35 / 100 kPa (ISO 3386-1)
<b>Water absorption</b>	< 1% (ISO 2896)
<b>Water vapor diffusion resistance coefficient</b>	> 5000 μ
<b>Fire class</b>	(SBI) B <sub>L</sub> -s1, d0
<b>Thermal conductivity</b>	0,034 W/mK - 10°C <0,04 W/mK - 40°C (ISO 8301)
<b>Operating temperature range</b>	-80 to +100°C.
<b>Resistance</b>	Good resistance against ozone, acids / bases conditionally against oil / petrol, aging not resistant to solvents.

#### Special properties

Odorless, environmentally neutral, food grade and physiologically harmless.

Production without fluorocarbons (HFCs, HCFCs), chlorofluorocarbons (CFCs, HCFCs) or silicones.

The material in dark gray color (EKAFROST-FL) is free of halogens.

The light gray material (EKATHERM-FL) contains halogenated flame retardants.

#### Note:

Color or surface differences between the products are possible due to the production.

The information in this datasheet are based on our current knowledge, experience and information provided by the manufacturer. They do not represent any kind of a contract or an assurance. The application has to be planned and performed in accordance to the local construction laws, rights and special requirements of technologies. We can't have any control or responsibility of the usage.

The current data sheet replaces all previous versions.

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