

Product Information Sheet

EKAFOL foil with rolling tendency – light grey

Type of foil	Rigid-PVC- with rolling tendency and flame retarder
Name	EKAFOL SE
Standard roll	1000mm x 35m = 35m ²
Characteristic	Rigid-PVC
Thickness	0,350 mm
Color	Light grey, similar to RAL7035/7047
Fire class	B1 (DIN4102)
Tolerance of thickness	± 5 % (EN 1849-2)
Weight	approx. 1,43 g/cm ³
Tensile impact strength	>300 KJ/m ² (DEIN EN ISO 8256)
Tensile strenght	>35 N/mm ² (DIN EN ISO 527)
Modulus of elasticity	approx. 1800 N/mm ² DIN EN ISO 527
Water vapour resistance	approx. 60000 μ (DIN 52615)
Linear heat expansion coefficient	1,5 x 10 ⁻⁴ 1/K (Leitz-Dilatometer)
Thermal conductivity	approx. 0,16 W/mK at 20°C
Emissivity ε	97% (ISO 10292 annex A)
Processing temperature	-20 to +65 °C

Other characteristics

Physiologically safe in technical applications, including food processing operations.

Manufactured without the use of CFCs and HCFCs.

The material do not contain heavy metals like cadmium, lead, chromium or their compounds

Manufactured without using silicones.

Notes

Mechanical fixing with special rivets, or with adhesive made of Tetrahydrofuran.

EKAFOL is not for outside-using (not UV-resistant)

Color or surface differences between foil, form parts and tape are possible.

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.

Version 06.2021