

Technical Data Sheet EKATEC Form Parts

Material:	Multilayer foil with aluminum and UV equipment
Foil thickness:	0,18 - 0,6 mm (depending on form part)
Color:	metal-look
Other properties:	UV-resistance

The origin material:

Specific gravity:	648 / 788 / 992 g/m ²
Foil thickness:	470 / 570 / 720 µm
Tensile Strength MD:	318 / 367 / 494 N/15mm ISO 527-3
Water vapor transmittance:	< 0,20 g/m ² /d ISO 15106-2
LOI (Limiting Oxygen Index):	27,5 / 27,5 / 30 %O ₂ ISO 4589
Temperature resistance:	-25 to +50 °C

Benefits:

- Mechanical abuse
- UV resistance
- High impact strength
- No splintering during riveting
- High stiffness
- High chemical resistance
- Free of smell
- Free of PVC-softener
- No risk of corrosion
- Suitable for technical applications also in food processing plants
- Low weight
- Made without CFC and HCFC's
- Made without using of silicones
- Made without using of heavy metals Cd, Pb, Cr^{IV}
- No flaming droplets in case of fire
- Easy of processing, high assembly performance

Tips:

Color divergences between foil, form parts and adhesive tape are possible. Installing/Working is not recommended by lower temperature. The information in this data sheet is based on our topical knowledge, experiences, as well as information of the manufacturer. The sheet does not contain a bill of sale or an assurance. No representation of warranty is made for specific product properties or concrete applications. All applicable current standards must be observed and followed. This document will supersede all previous data sheets.

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