

# EL Conductive Containers and Systems for the Electronics and Electrical Industry



Materials Handling  
in Plastic

# RAKO and EUROTEC Containers SMD Coil Holders



Electronic components are at risk of destruction due to electrostatic discharge not only while being transported but even during storage or assembly at the place of work. The comprehensive EL Storage and Transport System from Utz provides two-fold protection:

1. The electrically conductive plastic guards against destruction of the components through electrostatic discharge.
2. The tough plastic containers protect their contents against mechanical damage, soiling and moisture.

The Utz EL-System complies with DIN 53482, because the conductive plastic has a surface resistivity of  $<10^4 \Omega \text{ cm}$  and a volume resistivity of  $500 \Omega \text{ cm}$ .





## PCB Holders and vacuum-formed Component Holders



The Utz Printed Circuit Board Holders are continuously adjustable for printed circuit boards widths ranging from 37 mm to 530 mm – with exceptionally high dimensional accuracy. They can be used both inside and outside the Utz EL containers and can be safely stacked together on their stacking cams. As the grooves of the grid are only 2 mm or 3 mm deep, the printed circuit board holders can be made using a heat-stabilised plastic. Special stops ensure the correct spacing of the loaded printed circuit boards in the holders.



Modern production methods for electronic components would be almost inconceivable without vacuum-formed component holders in electrically conductive material. They are frequently employed where handling takes place using robots and automatic assembly plant. Utz component holders adhere to the most stringent tolerances and guarantee a perfect fit. They offer a tailor-made container to suit every high-tech product.

Because the electronics market changes quickly we endeavour to adapt our EL products to the needs of the market at all times in order to create improved logistics solutions with greater customer benefits. Whether in the area of dissipative material, clean-room requirements or conductive material in various colours – Utz is always on the ball! Please do not hesitate to get in touch with us, we will be pleased to advise.

Utz products are currently made of conductive material.

$\geq 1 \times 10^9$  Ohm and  $\leq 1 \times 10^6$  Ohm

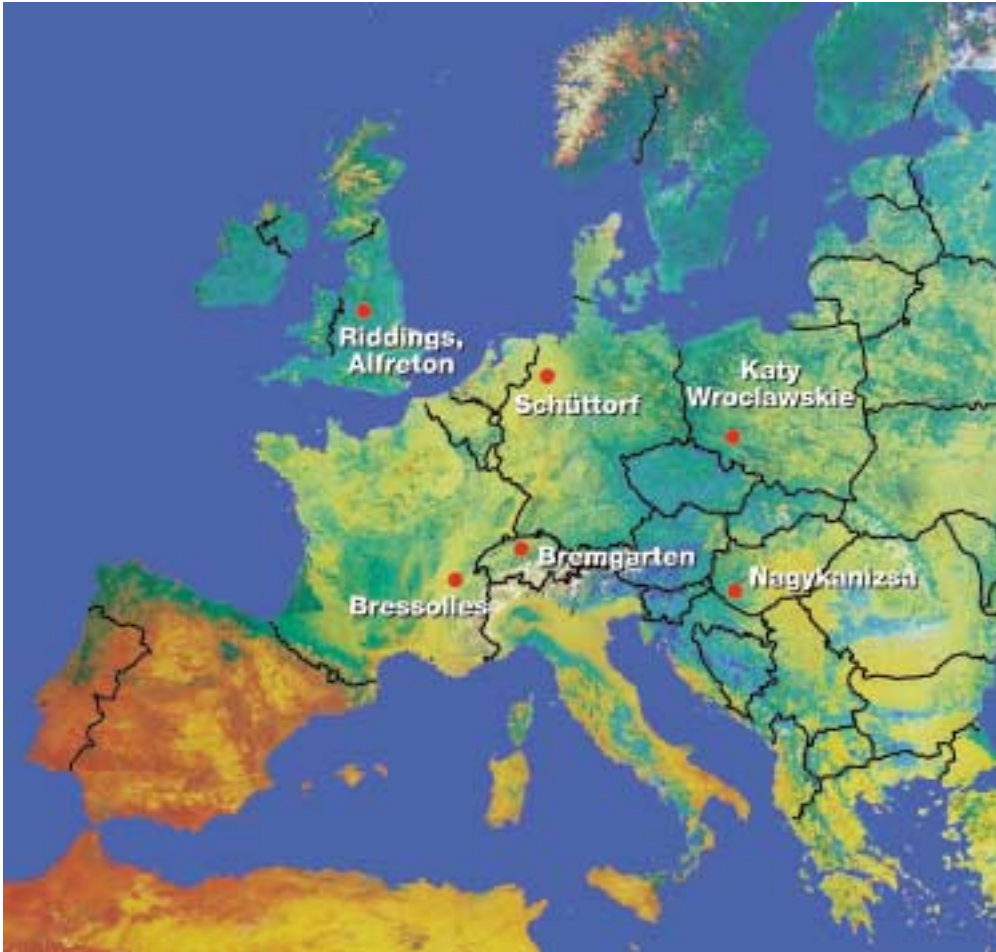


Utz is looking ahead and investigating dissipative material.

$\geq 1 \times 10^9$  Ohm and  $\leq 1 \times 10^{11}$  Ohm



## Utz – at home in Europe ...



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