

KOENEN Precision Screens for Touch Panels

Subtraction process – Etchback of transparent conductive layers (e.g.: ITO).



The application of **KOENEN** precision screens enables a highly homogeneous paste deposit as well as interruption free print result of finespace structures that are necessary for producing functional touch panels.

Product characteristics

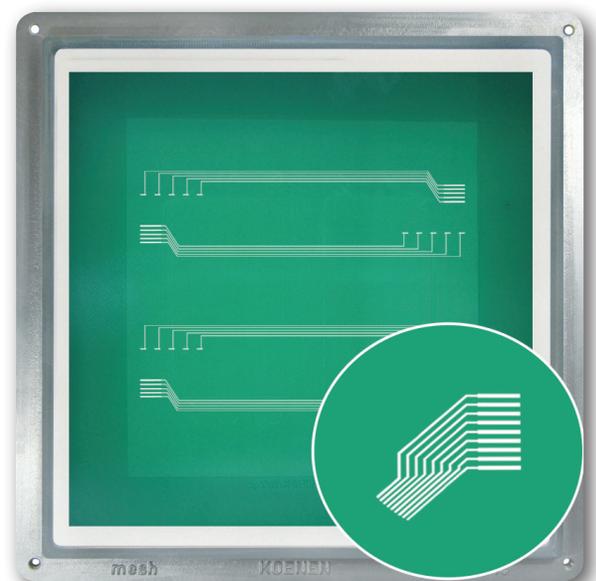
- High printing accuracy
- Stable printing process
- High resolution
- Layout sizes up to 1200 x 2400 mm can be realised
- Combinable with KOENEN: Life Time, Trampolin® and Functional surface coating technologies
- High acid and alkali resistance

Fields of application

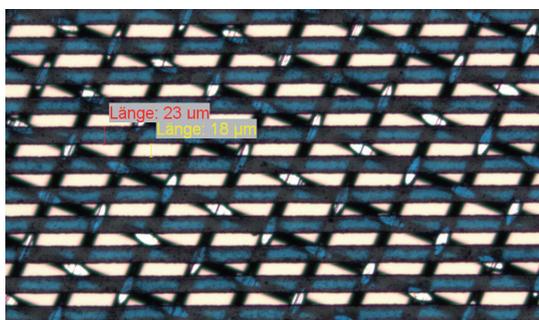
- Telecommunication industry (e.g. smartphones and tablets)
- Electronic industry (e.g. vending machines)
- Medical industry (e.g. displays)

Cost reduction due to:

- High Life Time
- High production yield



Precision screen with a schematic representation of layout (above) for the production of touch panel metallisation print - touch panel (below)



Fineline-structure with Line/Space 20 µm/20 µm