

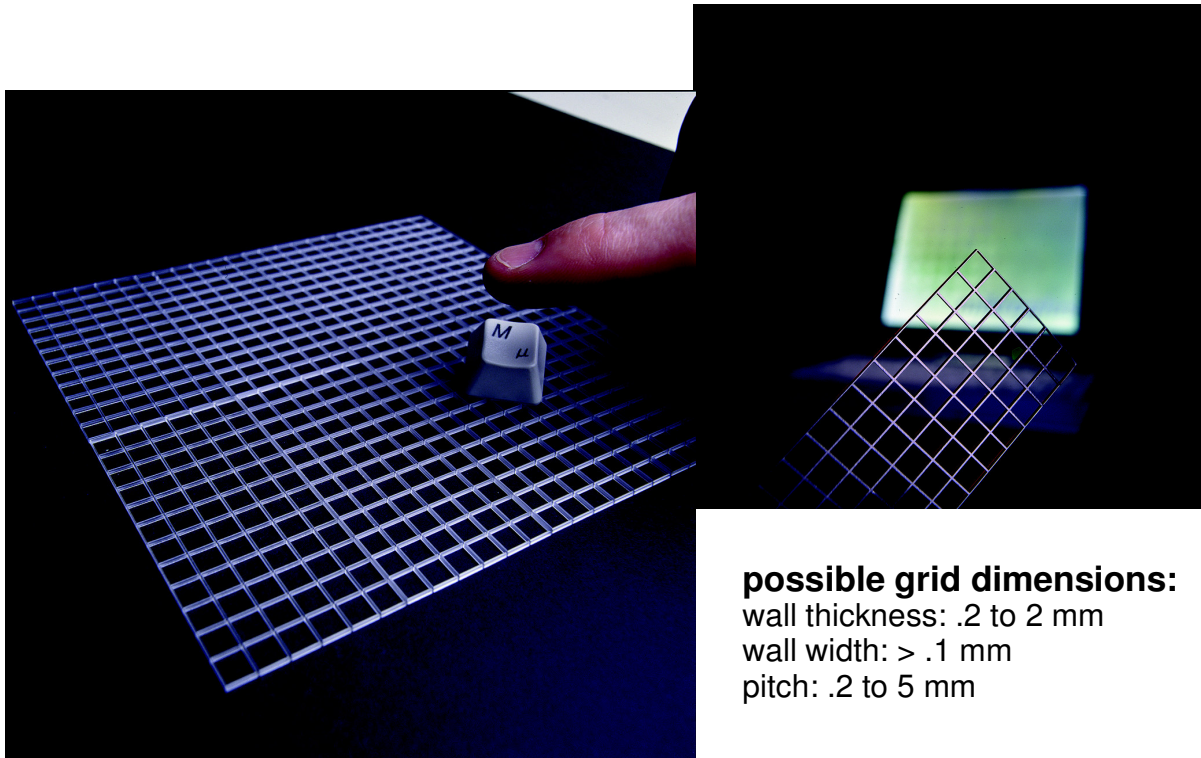
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Display Technology



possible grid dimensions:
wall thickness: .2 to 2 mm
wall width: > .1 mm
pitch: .2 to 5 mm

Figure 1: Mikroglas Grid for Display Technology

Structures and shapes:

- various geometries
- width of walls from 50 up to 500 μm
- length of walls up to 100 mm
- diameter of holes down to 50 μm
- bondable with glass or ceramic
- coating with different metals possible

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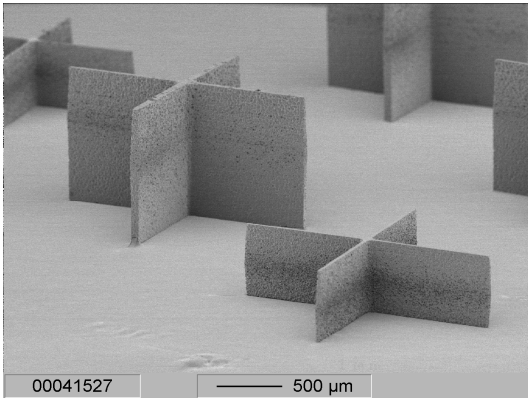
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Material characteristics:

- high voltage strength
- good biocompatibility
- optically transparent glass or opaque ceramic



Material : Foturan

height: 0.5 mm
1.0 mm

wall width: 50 µm

Figure 2 : Mikroglas Spacers for Field Emission Display

Foturan Spacer:

- Insulator
- Mechanically stable
- High accuracy
- Small structure sizes
- various shapes possible
- height: up to 2 mm
- width: down to 0.1 mm

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shapes: round or rectangular

diameter of holes: down to 50 μm

thickness of plates: 0.1 up to 2.5 mm

up to 100 holes per mm^2

Figure 3 : Mikroglas Hole Plate