

Datasheet: MakroPor M1-200

Etching

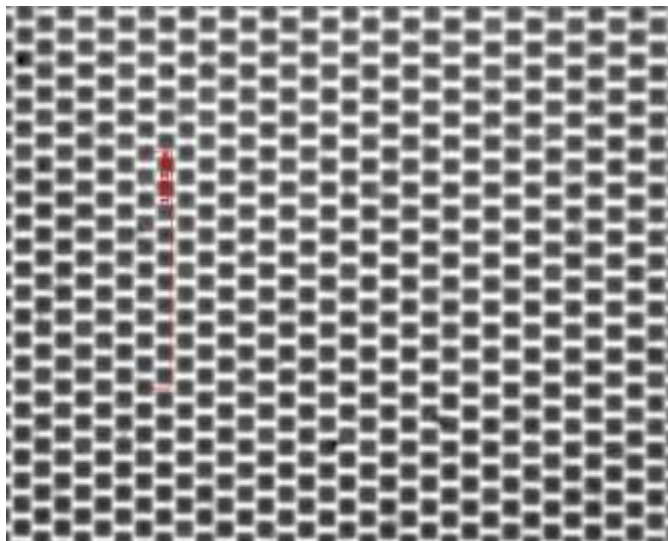
Size:	6 inch
Pitch:	1.5 μm trigonal
Length:	200 μm
Diameter:	1.0 μm

Postprocessing

Membrane lift off
Laser dicing

Images

Front side (generic)



Remarks

- Lifted backsides are sensitive to mechanical handling. Abrasion of silicon nanotips is visible as brown “scratches” on the surface but have minor effect on the underlying pores. **We suggest using vacuum tweezers on the front side.** Depending on the thickness, flat tips with small diameters are preferred instead of suction cup tips, to minimize mechanical Stress.
- Please be aware: Thin membranes may flip due to electrostatic forces while opening or closing transport boxes!
- According to our “MakroPor factsheet”, this structure has a funnel shaped pore entrance followed by a slight bottleneck (depth in the range of the pore diameter) on the front surface.