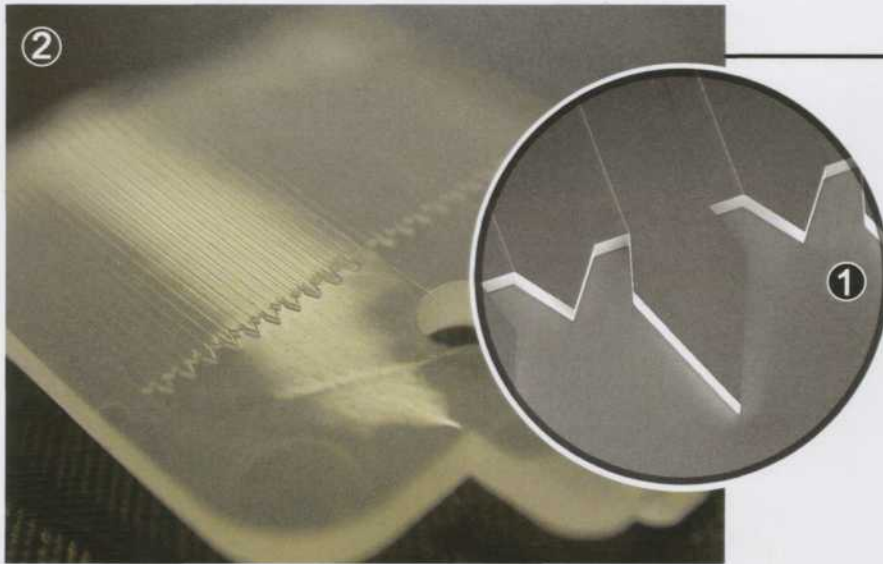


The main activity of Sigatec SA is to manufacture microparts and micromoulds by using the DRIE technology. By combining silicon micro-etching and electroplating, micro-structured mould inserts can be produced within a few microns. The goal of the Company is to offer tailor-made solutions with regards to quality and rapid delivery.



Holographic micromold

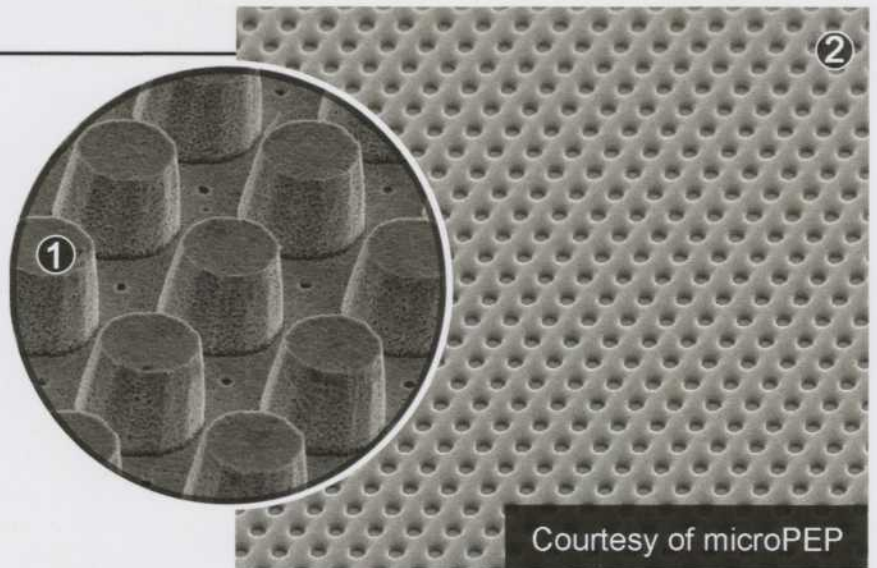


Microfluidic application

1. Silicon master
Channel size : $40 \times 3 \mu\text{m}$
Accuracy : $\leq 1 \mu\text{m}$
2. Injected part
Material : P.U.

Microwell Arrays

1. Hard nickel insert
Pin size : $\varnothing 3 \mu\text{m}$
Taper : 5°
Pin numbers : 42 millions
2. Injected part



Courtesy of microPEP

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