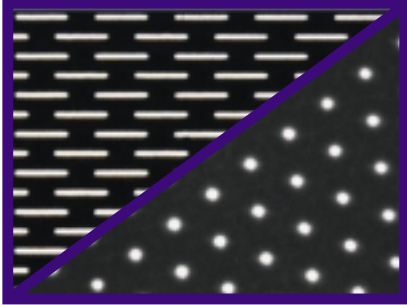


# MICROPORE



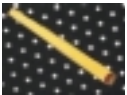
## Filtration, Sieving & Fractionation:



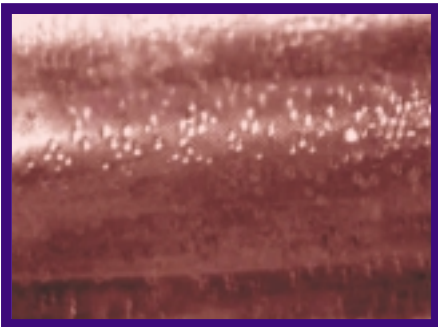
**MICROPORE** has filtering pores and slot widths down to 1 micron in diameter. We recommend the slotted media for filtration, fractionation and buffer swap, and the circular pores for emulsion generation.

**MICROPORE** is very different from other microfilters, where the media resembles a sponge with pore openings on the surface an order of magnitude larger than the microfilter rating.

**APPLICATIONS:** fine filtration, including the removal of a small amount of oversize, or undersize, particles from a particle dispersion (fractionation). Shear can be used to keep solids off the rigid metal membrane surface.



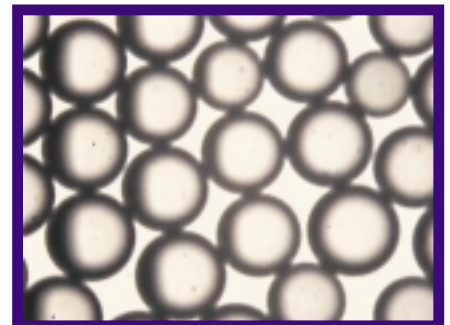
## Production of emulsions & particles:



Monosized drops formed, and sheared off, the surface of a MICROPORE tube



Laboratory testing



Monosized drops and particles produced with MICROPORE media at 100 magnification (100 m drops)

**DROPS and PARTICLES** from 400 to sub-micron in diameter can be made with a very narrow size distribution around the required mean size. We can ensure stability of the drops by the use of novel shear systems and produce high concentrations of dispersed phase. Encapsulated particles are easily produced and our methods promote reliable scale-up from tests to production.

**For more information, visit us at:** [www.micropore.co.uk](http://www.micropore.co.uk)

# TECHNOLOGIES