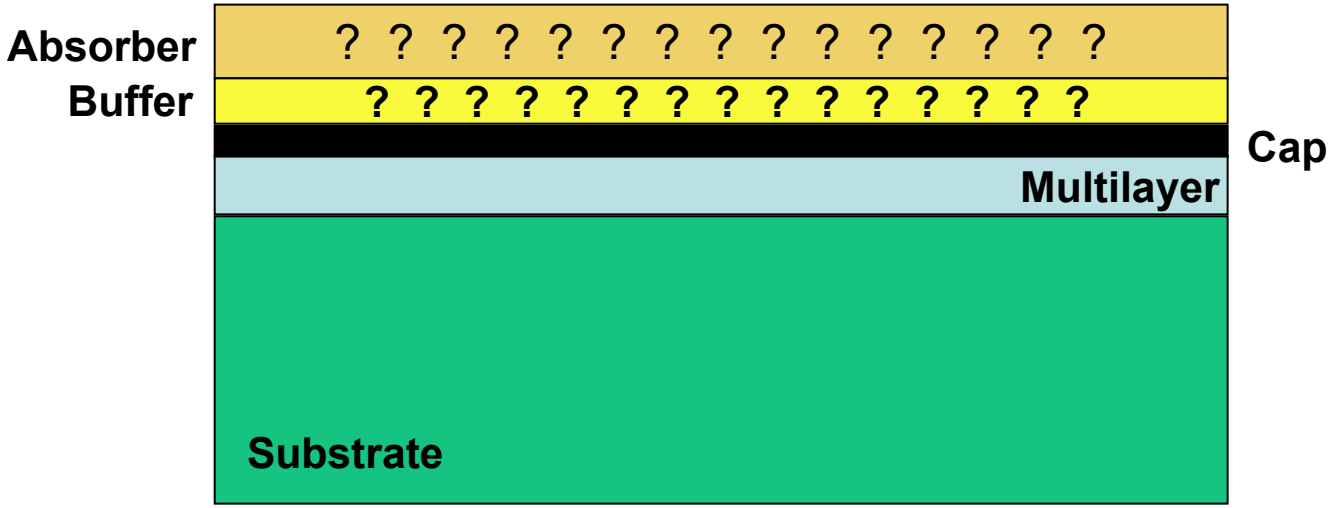
Panel #2: The Blank

Infrastructure

Blanks - Infrastructure

Trying to Optimize Cleaning Techniques for Multiple Choices of Absorber/Buffer Materials can be Extremely Difficult



Blanks - Infrastructure

Chemistry Cleanliness*

(Particles < 100 nm)

- **Cold Ultra Pure Water can have 10's of particles/ml**
- **Hot Ultra Pure Water can have 100's of particles/ml**
- **Chemicals can have 1000's of particles/ml**

Supplier/Customer Partnering is Crucial to Achieve Optimum Results

* = work done by SEMATECH MBDC Cleaning Core Team (Rastegar, Eichenlaub, Ikuta, Popp, Gonscher, and Marmillion) Published at the SEMATECH Mask Cleaning Workshop, 2005.