Goal 2: All- purpose filtration, not just AWG

Concerns:

1. Using GO doesn’t prevent dissolved CO2 from crossing the film

2. Need a polymer or some other substance that can allow for liquid permeation

General purpose of membrane technology:

* Filtration
* Purification
* Substance separation, either liquids from liquids or particulates from liquids

Proposed Applications of GO filter and questions to answer:

* AWG (already known)
  + Need to figure out the rate and amount of water obtained
* Water Purification? – Need to test whether GO allows liquid water to permeate
  + What sort of particulates can GO remove from water?
* Air purification? – What other gases can be removed from atmospheric air?
  + What sort of particulates can GO or the polymer backing remove from air?
* Dehumidification – the question of sequestering water still needs to be answered
  + Could it be combined with AWG?