






Capillary rise versus diameter



## Capillary Flow

- Eg. : Crushed stone, air gaps
- large pores - no suction ("wicking")



Diffusion + Capillarity + Osmosis $=$ Problem

- Diffusion Vapor Pressure

3 to 5 psi

- Capillary Pressure 300 to 500 psi
- Osmosis Pressure





















