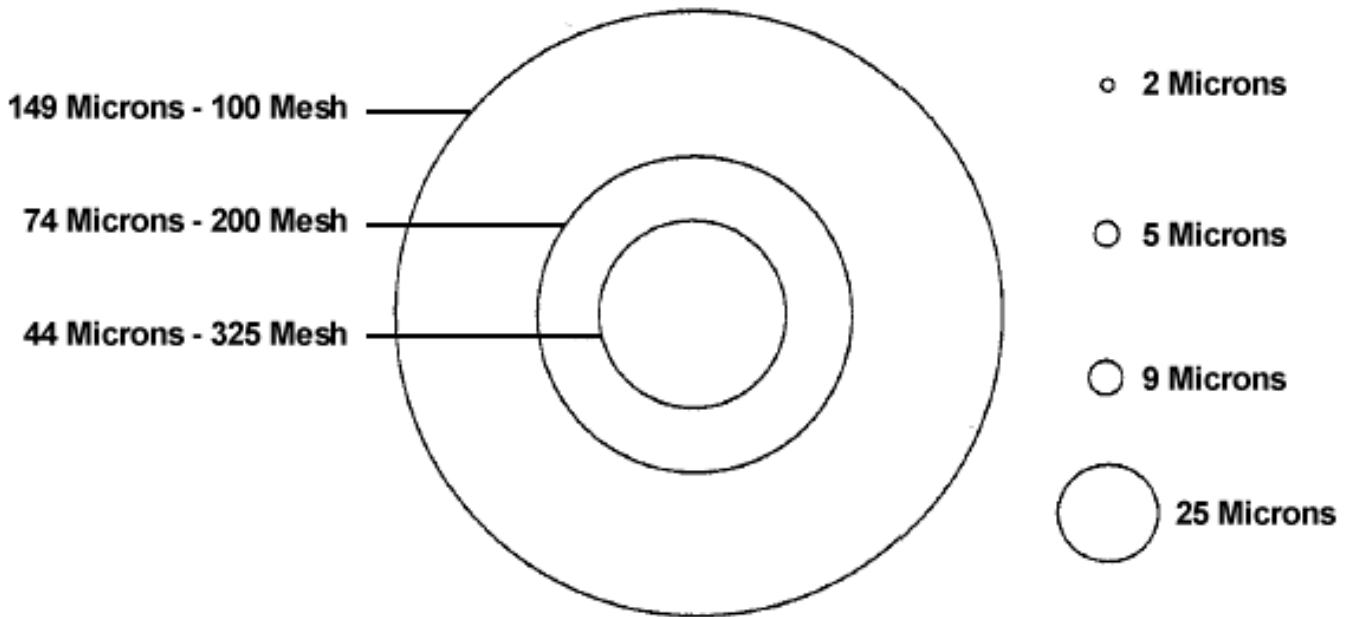


Micronic Filtration

The term “micron” is derived from the metric system of measurement and represents a size of distance equal to one millionth part of a meter or approximately .000039ths of an inch.

Particles of micronic size surround us continually, although the unaided human eye cannot readily distinguish objects smaller than about 40 microns. The air we breathe carries invisible particles fractions of a micron in size. Airborne moisture in the form of fog is composed of 5 to 50 micron particles. Smoke from a cigarette is visible only before the fine particles ranging from .001 to .3 micron mix with surrounding air and vanish from sight.

Relative Size of Micronic Particles (Magnification 500 times)



Relative Sizes

- Grain of table salt.....100 microns
- Human hair diameter.....70 microns
- Particle of fog.....50 microns
- Lower limit of visibility (naked eye).....40 microns
- White blood cells.....25 microns
- Red blood cells.....8 microns
- Bacteria.....2 microns