

# Nano changes everything.

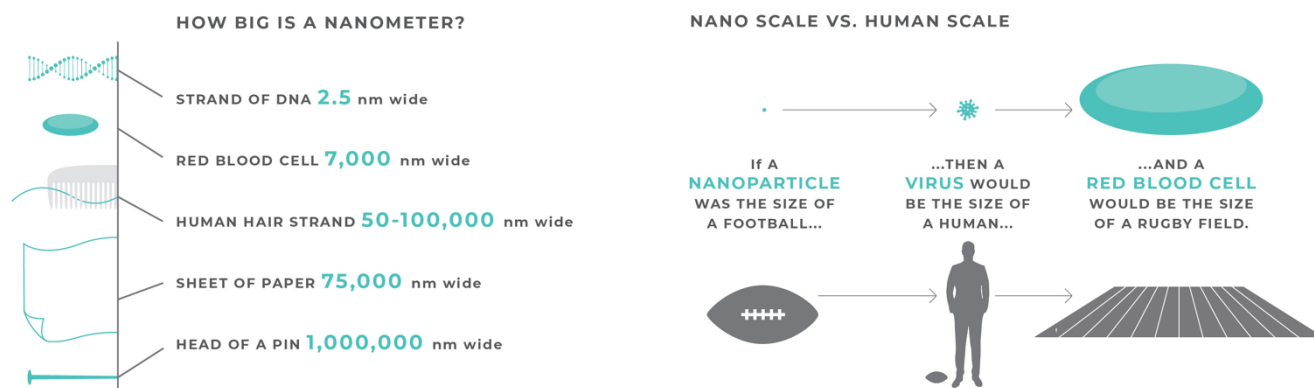
AN INDUSTRY UPDATE FROM



Nano is a measurement – a very, very, small measurement. “Nano” = “one billionth”, so a nanometer (nm) is “one billionth of a meter”. Written out, one nanometer is 0.000000001 meter or  $10^{-9}$  meter. Microscopic items at this size are measured in nanoscale.

To provide an idea of nanoscale, a strand of human DNA is 2.5 nm across. 10 hydrogen atoms laid side-by-side measure 7 nm across. A red blood cell is 7000 nm across. A human hair measures between 50,000-100,000 nm across. Nano is small but can be hugely powerful.

To put things on a human scale, if a nanoparticle were the size of a football, a virus would be the size of a person. A red blood cell would be the size of a rugby field.



EVÖQ Nano uses a patented high-energy laser process that generates consistently sized silver nanomaterial named EVQ-218. EVQ-218 particles are produced with a contracted oxygen free surface structure with shorter bond lengths and no ion emission. This means that EVQ-218 particles are non-ionic, stable, and consistently smooth sized at 2 nanometers or larger based on the required application. This combination of unique attributes has proven efficacy killing bacteria and fungi in applications including textile and surface treatments, broad spectrum antimicrobial therapeutics, and medical devices.

**Nano changes everything.** With 39 patents awarded, 39 patents pending, 10 years of research and development, EVÖQ Nano is Limitless Discovery with Revolutionary Results.