

NANOFILTRATION

Particle filtration requirements, as described by European standards on PPE, are focused on microparticles.

Within a project involving several strategic partners, we have developed a specific test method to verify the protection level of our facemasks against nanoparticles. We studied the exposure towards a significant range of particles starting from carbon based substances to several metals and metal oxides. The results enabled us to find the right strategy to combine microparticles protection to nanoparticle risks.

With NANOFILTRATION, BLS can now guarantee a new level of protection against nanoparticles.



EN 149:2001

MICROPARTICLES



0.001 μm

0.4 μm

10 μm