

NANOFILM

Company Overview

Nanofilm was founded in 1985 by Dr. Scott Rickert and Don McClusky. The foundation of the company is Dr. Rickert's pioneering work in self-assembling thin films at Case Western Reserve University where he was a professor and researcher. The company quickly began successful commercialization of nanocoatings and surface preservation treatments.

In two decades the company's technology portfolio has expanded rapidly to include dozens of products in three core technologies:

- Self-assembling nanofilms: Nanofilm ultra-thin films (<30 nm) are invisible. They chemically bind with a substrate and then self-assemble into extremely thin films that add performance characteristics. Unlike coatings that are "painted on," a Nanofilm nanocoating provides durable functionality.
- Nanocomposites: Nanofilm blends nanoparticles into a matrix material to form coatings that are typically applied in thickness less than 30 microns. This allows the unique characteristics of the nanomaterial to be added at the surface of a substrate.
- Surface preservation and care: Decades of experience in nanoscale chemistry are the key to a full range of formulations.

Nanofilm specializes in nanotechnology for three substrates: glass, plastics and stainless steel. Performance characteristics that the company's technology can add include:

- Scratch resistance
- Energy control
- Electrical conductivity
- Stain resistance
- Water resistance
- Chemical resistance
- Abrasion resistance
- Non-stick
- Anti-static
- Soil resistant
- Easy to clean
- Anti-reflective
- No fog

The company's products are designed for many markets, including transportation, electronics and displays, aviation/aerospace, architecture, optical and consumer products. Products are distributed on every continent around the globe.

Nanofilm is a privately held company with headquarters in Valley View, Ohio, near Cleveland. Today, the company includes approximately 65 employees working in 50,000 square feet of research, lab, production and manufacturing space.