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Aculon's NanoProof Wins Product Award

SAN DIEGO (March 17, 2016) -

Aculon, Inc is proud to announce that the breakthrough product in PCB waterproofing, NanoProof, has won the New Product Introduction (NPI) award from Circuit Assembly. Circuit Assembly announced the winners of the 2016 NPI Awards for electronics assembly equipment, materials, and software yesterday at the 2016 APEX Expo in Las Vegas.

The 9th annual NPI Awards recognized leading new products during the past year. An independent panel of practicing industry engineers selected the winners for each category. NanoProof's innovative approach to PCB waterproofing won the award in the coatings and encapsulates category. "We are delighted to receive this award. Increasingly OEMs and contract manufacturers want PCB waterproofing capabilities to protect devices and in less than a year since launch we have seen tremendous interest and adoption of the Award winning NanoProof series, said Aculon CEO Edward Hughes."

Until now, water-resistance product offerings generally have fallen into two categories: solution based hydro/oleophobic conformal coating that repels fluids but require some level of masking or "keep-out"

areas, and vacuum-deposited coatings (which also require masking) such as parylene-based treatments. Aculon's NanoProof has created a third category - no mask solution based hydro/oleophobic coatings that are done on an inline basis and deliver the benefits of a conformal coating yet eliminate the need for costly capital investment and avoid the bottlenecking batch process of vacuum based manufacturing or masking operations.

For more information about the NanoProof PCB Repellency Series, visit www.aculon.com/nanoproofpcbrepellency.php.

About Aculon

Aculon specializes in inventing and commercializing unique surface modification technologies for the electronics, industrial and consumer products industries. The Company's technologies use low capital intensity methods of application such as dipping and spray and do not involve a vacuum chamber.

Key benefits of Aculon technology include:

- Repellency – Ability to apply hydrophobic coatings, superhydrophobic coatings and oleophobic coatings on surfaces to repel water, oil, and most all liquids.
- Particle Treatment – Functionalize nanoparticles to improve many characteristics such as hydrophobicity, oleophobicity, and adhesion.
- Adhesion – Boost the adhesion of challenging surfaces with adhesion promoting treatments.

Aculon's applications include:

- Aculon NanoClear - the leading nanocoating for the PCB Stencil market
- Treatment of Optical parts - sunglasses, prescription eyewear, lenses
- Treatment of Stainless Steel probes for use in the Oil industry
- Treatment of Sapphire lens to repel oil
- Treatment of Medical Devices to enhance fluidic motion
- Treatment of Electronic testing components to prevent material build up.
- Treatment of components for consumer products such as watches
- Stainless Steel Coatings for numerous applications
- Production of Hydrophobic pen applications for use in the optical market