

Onyx Coating expands into the aviation sector with the launch of a certified 10H ceramic coating for aircraft protection

The launch positions Onyx Coating as a comprehensive protection supplier across automotive, marine, and aviation, backed by the same certified formulations trusted by professionals worldwide



Great Neck, New York Oct 3, 2026 ([IssueWire.com](https://www.IssueWire.com)) - [Onyx Coating](https://www.OnyxCoating.com), a global leader in high-performance ceramic coatings and paint protection solutions, today announced the launch of Aviation Graphene Coat, an advanced ceramic coating engineered specifically for aircraft protection. The launch

extends Onyx Coating's protection technology beyond automotive and marine applications, reinforcing the company's mission to protect vehicles across land, sea, and air.

A growing market, driven by a persistent industry challenge

The launch comes as the global aerospace coatings market continues to expand. Valued at approximately \$2 billion in 2026, the market is projected to nearly double to \$3.7 billion by 2036, driven by rising demand for aircraft protection, corrosion resistance, and maintenance efficiency.

That growth is being driven by a problem the aviation industry has faced for decades: corrosion remains one of the largest maintenance challenges in aviation, costing the industry billions annually through inspections, repairs, and component replacement. Aviation Graphene Coat addresses this directly, forming a protective barrier against moisture, salt, chemicals, and oxidation- the same environmental stressors that drive up maintenance costs and downtime across commercial and private aviation fleets alike.

A new category of protection

[Aviation Graphene Coat is the first certified 10H Graphene coating engineered specifically for aircraft surfaces](#), designed to deliver exceptional durability, protection, and long-term performance in demanding aviation environments. Powered by advanced Graphene-infused ceramic technology, the coating forms a molecularly optimized protective layer that bonds securely to aircraft surfaces, ensuring reliable performance under sustained environmental exposure.

Engineered with a precision-optimized microstructure, Aviation Graphene Coat delivers superior adhesion and long-lasting resistance to the environmental elements aircraft surfaces face daily, from UV exposure to atmospheric contaminants. The formulation holds up to the same rigorous performance standards professionals expect from Onyx Coating's automotive line, adapted specifically for the demands of aviation.

Key features of Aviation Graphene Coat include:

- **10H Hardness:** Ultra-hard surface protection engineered for exceptional resistance to wear
- **Advanced Graphene-Infused Technology:** Cutting-edge nanotechnology for enhanced strength and performance
- **Superior Adhesion:** Optimal, long-lasting bonding to aircraft surfaces
- **Microstructure Optimization:** A molecularly engineered structure for enhanced protective properties
- **Comprehensive Environmental Defense:** Superior resistance against environmental elements and exposure

Why Onyx Coating is entering the aviation sector

"We've spent years earning the trust of automotive and marine professionals with certified 10H and N1 formulas that perform under real-world conditions," said **Ahmad Madi, International Sales Director at Onyx Coating**. "Aircraft surfaces face some of the most demanding environmental conditions of any application we protect, and corrosion has always been one of the industry's most expensive, persistent challenges. Aviation Graphene Coat gives professionals a way to get ahead of that problem, not just manage it after the fact."

The launch reflects Onyx Coating's broader mission, protecting vehicles across land, sea, and air, and its confidence in the same certified, high-performance chemistry that underpins its automotive and marine product lines.

What this means for partners

The launch positions Onyx Coating as more than a car care products manufacturer. With Aviation Graphene Coat, the company now offers a comprehensive protection portfolio spanning automotive, marine, and aviation, all built on the same certified 10H and N1 technology platform.

For aircraft care professionals, whether operating as mobile detailing specialists or running an established aviation care business, this launch means access to a purpose-built product backed by a globally recognized manufacturer with a distribution network spanning over 70 countries. For Onyx Coating's existing automotive and marine partners, it represents an opportunity to expand service offerings into a new, largely underserved category.

"This is about giving our partners more ways to grow," Madi added. "Whether you're already working with us on automotive or marine protection, or you're an aviation care professional discovering Onyx Coating for the first time, Aviation Graphene Coat opens up a category most suppliers in this space simply aren't equipped to serve."

Strengthening Onyx Coating's competitive position

The introduction of a dedicated aviation-grade coating differentiates Onyx Coating from competitors who remain focused solely on automotive protection. By offering certified, high-performance formulations across three distinct sectors- automotive, marine, and now aviation- Onyx Coating strengthens its position as a comprehensive protection supplier for professionals across the vehicle protection industry, not just a single vertical within it.

About Onyx Coating

Onyx Coating is driven by innovation, excellence, and a mission to protect vehicles across land, sea, and air. As a global leader in high-performance automotive protection, the company offers advanced ceramic coatings, including [certified 10H and N1 formulas, as well as premium paint protection films and window films](#) engineered for superior durability and shine.

With a customer-centric approach and a distribution network spanning over 70 countries, Onyx Coating empowers automotive professionals with premium solutions, technical expertise, and ongoing support. The company operates on core values of integrity, excellence, innovation, teamwork, customer focus, and sustainability.

Join the Onyx Coating network

Car care professionals or aircraft care professionals seeking to expand their offering of ceramic coatings, [paint protection films](#), window tint, detailing products, and professional training are invited to partner with Onyx Coating. Partnering with Onyx Coating is an opportunity to integrate premium protection solutions backed by a trusted global manufacturer.

For more information about partnership programs or to become an official [Onyx Coating distributor or installer](#), visit www.onyxcoating.com or contact info@onyxcoating.com.

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