



WHEEL COATINGS

The Protech Group supplies high-performance powder coating systems for automotive wheels, engineered to meet the demanding quality, durability, and performance requirements of OEMs and Tier suppliers. Our wheel coating solutions include specialized primers, clear coats, and monocoat systems designed to withstand harsh environmental conditions while delivering exceptional appearance and long-term protection. Whether for conventional painted wheels or advanced PVD (Physical Vapor Deposition) finishes, we work closely with manufacturers to develop coating systems optimized for their specific production processes.



ENGINEERED FOR EVERY TURN.

The Protech Group's manufacturing facilities operate under automotive quality management systems that meet the industry's stringent supplier requirements, including PPAP (Production Part Approval Process) expectations required by major automotive manufacturers. Regular third-party audits and annual verification ensure consistent compliance and product quality. This commitment gives customers confidence that every coating system is manufactured to the high standards expected throughout the automotive industry.

THE PROTECH GROUP'S AUTOMOTIVE WHEEL PORTFOLIO

- Powder primers for superior corrosion protection and adhesion
- Clear coats designed for outstanding weatherability, chemical resistance, and appearance retention
- Monocoat powder systems for selected commercial and utility vehicle applications
- Custom-developed, patented coatings for PVD wheel finishing processes



WHY PROTECH?

The Protech Group partners with customers to optimize the entire coating process. Our experienced technical service teams work directly with manufacturers to ensure maximum coating performance, production efficiency, and consistent quality.

Our support includes:

- Process evaluation and optimization
- Application training for production personnel
- Troubleshooting coating defects
- Equipment and application recommendations
- On-site technical assistance
- Continuous process improvement

In some facilities, Protech technical representatives work alongside customer teams, developing an in-depth understanding of their production lines and helping resolve challenges quickly and efficiently.



A2LA ACCREDITED TESTING LABORATORY

The Protech Group operates an A2LA-accredited ISO/IEC 17025 laboratory capable of performing comprehensive coating performance testing in-house. Because our laboratory is independently accredited and regularly audited by third-party assessors, test results are recognized throughout the automotive industry.

This provides significant advantages for our customers:

- Faster qualification and approval cycles
- Reduced testing costs
- Shorter product development timelines
- Reliable, industry-recognized test data

Our laboratory performs testing against demanding automotive specifications, including corrosion resistance, adhesion, chemical resistance, and weatherability, among others.

PVD WHEEL FINISHINGS

For premium wheel applications, Physical Vapor Deposition (PVD) is increasingly used as an environmentally responsible alternative to decorative chrome finishes. PVD systems require highly specialized powder coatings capable of meeting strict appearance and performance standards. The Protech Group develops patented custom powder coating solutions specifically engineered for these advanced PVD finishing systems, delivering the durability, adhesion, and appearance demanded by today's premium automotive wheels.



PRODUCTS FOR WHEEL COATINGS

G-SERIES

Acrylic Thermoset Powder Coatings.

Acrylic powder coatings are a premium clear-coat solution for automotive applications. They deliver exceptional clarity, a smooth finish, and outstanding resistance to UV exposure, chemicals, scratches, and corrosion, helping preserve both appearance and long-term performance. Available in a range of gloss levels and engineered for excellent durability, acrylic powders provide a high-quality finish that enhances and protects the underlying color coat.

- **High gloss & clarity** – Smooth, mirror-like finish for premium aesthetics
- **UV & weather resistant** – Maintains color and gloss outdoors
- **Hard, durable film** – Scratch and mar-resistant surface
- **Strong adhesion** – Bonds to metals and undercoats
- **Finish variety** – Clear, metallic, matte, satin, and custom options
- **Long-lasting performance** – Withstands demanding environments
- **Non-yellowing** – Stays clear under UV exposure
- **Thin film compatible** – High-quality finish at lower thickness
- **Auto-approved** – Meets OEM specs for trim and parts
- **Clean-use formula** – Silicone-free; safe for sensitive processes

SUGGESTED PRODUCTS

Product Code	Type	Color	Gloss	Finish
GS131N17	Topcoat / Primer	Black	95 ± 5	Smooth
GZ131C24	Topcoat	Clear	95 ± 5	Transparent
GZ541C26	Topcoat	Clear	20 ± 3	Transparent

H-SERIES

Hybrid Epoxy-Polyester Thermoset Powder Coatings.

Hybrid H-Series powders are used as high-gloss primers for wheel coatings. H-Series primers provide:

- **Corrosion protection** – Delivers a durable barrier that helps protect wheels from moisture, road salts, and other corrosive elements, extending service life.
- **Superior surface appearance** – Creates a smooth, uniform foundation that enhances topcoat appearance and contributes to a high-quality, premium finish.
- **Improved edge coverage** – Provides better coating build on edges and complex geometries, helping minimize thin spots where corrosion is most likely to begin.

SUGGESTED PRODUCTS

Product Code	Type	Color	Gloss	Finish
HS132A1505	Primer	Gray	95 ± 5	Smooth



FORMULATING THE RIGHT MIX.

Since 1976, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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