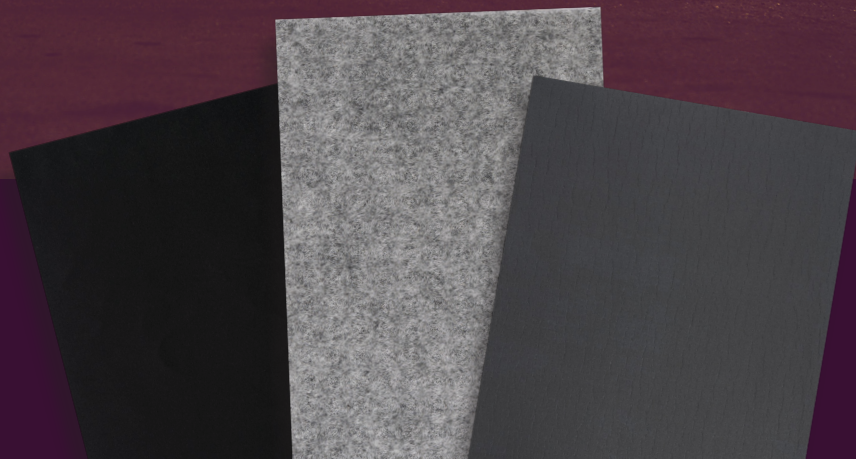




**Highland  
Plastics™**

**Compound.  
Extrude.  
Innovate.**

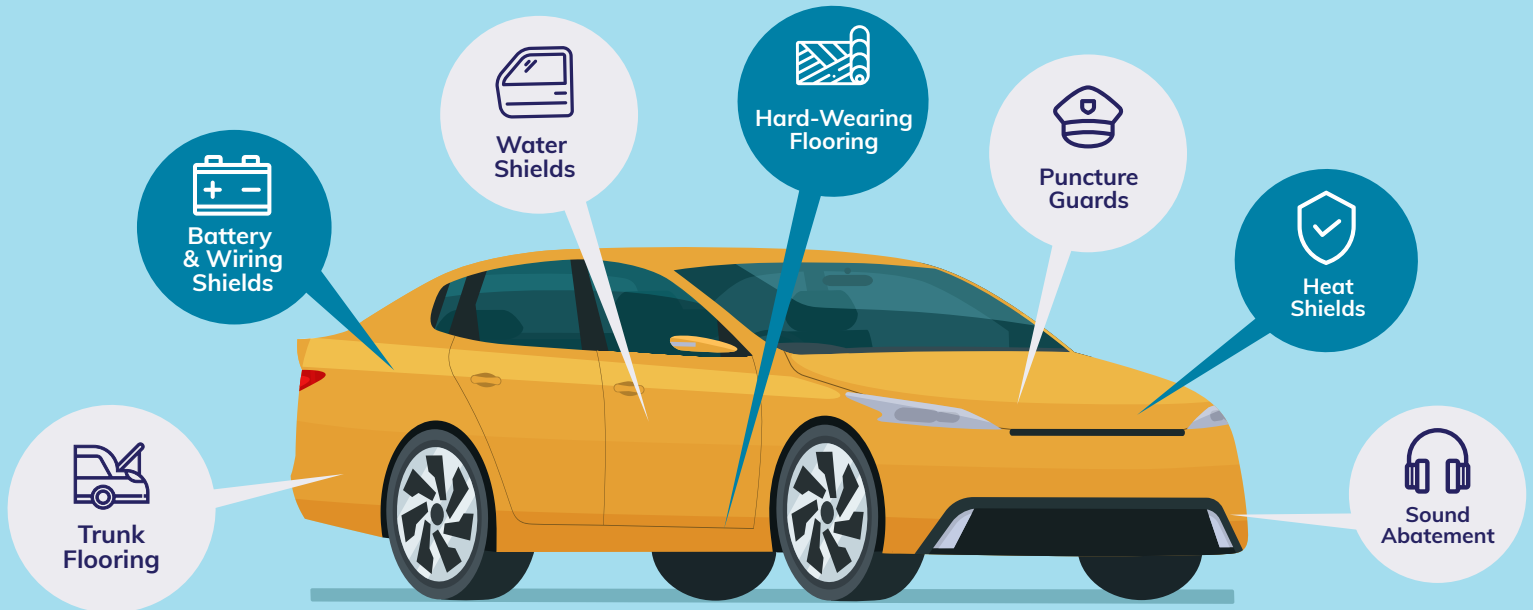
# **Automotive Barriers Composites Surfaces**





**Highland  
Plastics™**

# Automotive Barriers, Composites & Surfaces



## Highland Provides Layers of Innovation

We have more than 30 years experience supplying tier-ones and tier-twos with barriers, composites, and surfaces. Highland material is used by nearly every major automaker—from economy to luxury brands.

To support automotive and transportation companies rising to the climate challenge, we're also developing innovative materials for the next generation of electric, commercial, and mass transit vehicles.

- Low Fog for Luxury Vehicles
- Flame-Retardant Materials
- Complex Laminations
- Custom Formulations
- Closed Loop Recycling
- In-House Compounding
- Sustainable Materials



## Compound

In-house compounding enables tight control of performance factors like sound abatement, UV resistance, shrink, flame retardancy, and electrical and thermal conductivity.



## Extrude

As extrusion specialists, we can produce sheets and rolls from nearly any thermoplastic, such as mineral-filled and flame-retardant formulations, in a variety of finishes.





## Filled NVH Barriers

- Adensa NVH barriers deliver high-density sound abatement at low gauges.
- Compounds are designed to meet OEM requirements for density, low VOCs, flame retardancy, adhesion, etc.
- Compounded in-house, Adensa is readily adapted to a wide variety of applications, including co-extrusions into multilayer composites.



## Fire Retardant Polypropylene

- Kelvinite fire-retardant polypropylene is ideal for automotive and electrical applications and is backed by a robust supply chain and full domestic availability.
- Compounds are available with enhanced flame retardation for EV battery applications.
- We offer halogenated and non-halogenated Kelvinite formulations to meet automotive flammability standards at low gauges (UL-94 certification pending).



## Abrasion Resistant Surfaces

- Komodo abrasion-resistant surfaces are designed for emerging automotive applications.
- With superior scratch resistance for high traffic surfaces, Komodo is perfect for rugged recreational aesthetics or keeping fleet vehicles looking their best.
- Komodo surfaces are available in custom colors and textures to achieve OEM requirements for look and feel.



### Laminate

In-line lamination during extrusion allows materials such as carpets, films, foams, foils, shoddy, fabric, and adhesive layers to be efficiently applied to either or both sides in one pass.



### Innovate

Our talented team has a proven track record of developing advanced formulations, custom compounds, and improved processes to meet the evolving requirements of our customers.

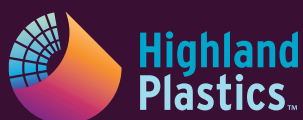
# Our Heritage of Innovation is Focused on the Future of Transportation

## Our Heritage

Headquartered in Central Michigan, we've served the automotive industry since 1991 with a wide range of specialized barriers, composites, and surfaces that are formulated to meet demanding OEM requirements. Tier-one and tier-two suppliers have come to rely on our wealth of experience, dedicated team, dependable quality, value-based solutions, and robust supply chain. It's on this heritage of delivering on promises and meeting challenges through innovation that we build the future.

## Our Future

The automotive landscape is evolving rapidly, and we're continuing to invest in research and development of the specialized materials and processes that will be required for automotive platforms of the future. As electric vehicles and other developing technologies usher in new engineering challenges, as consumer demands shift, and as global supply chains are retooled, Highland will be there for you to deliver high-quality, innovative materials for every application.



525 North 2nd Street  
Shepherd, MI 48883-9026

1-800-866-8208  
[highlandplastics.com](http://highlandplastics.com)