



Upholstery for Automotive Applications

Optimizing The Automotive Experience

Automotive Performance Runs in Our Family

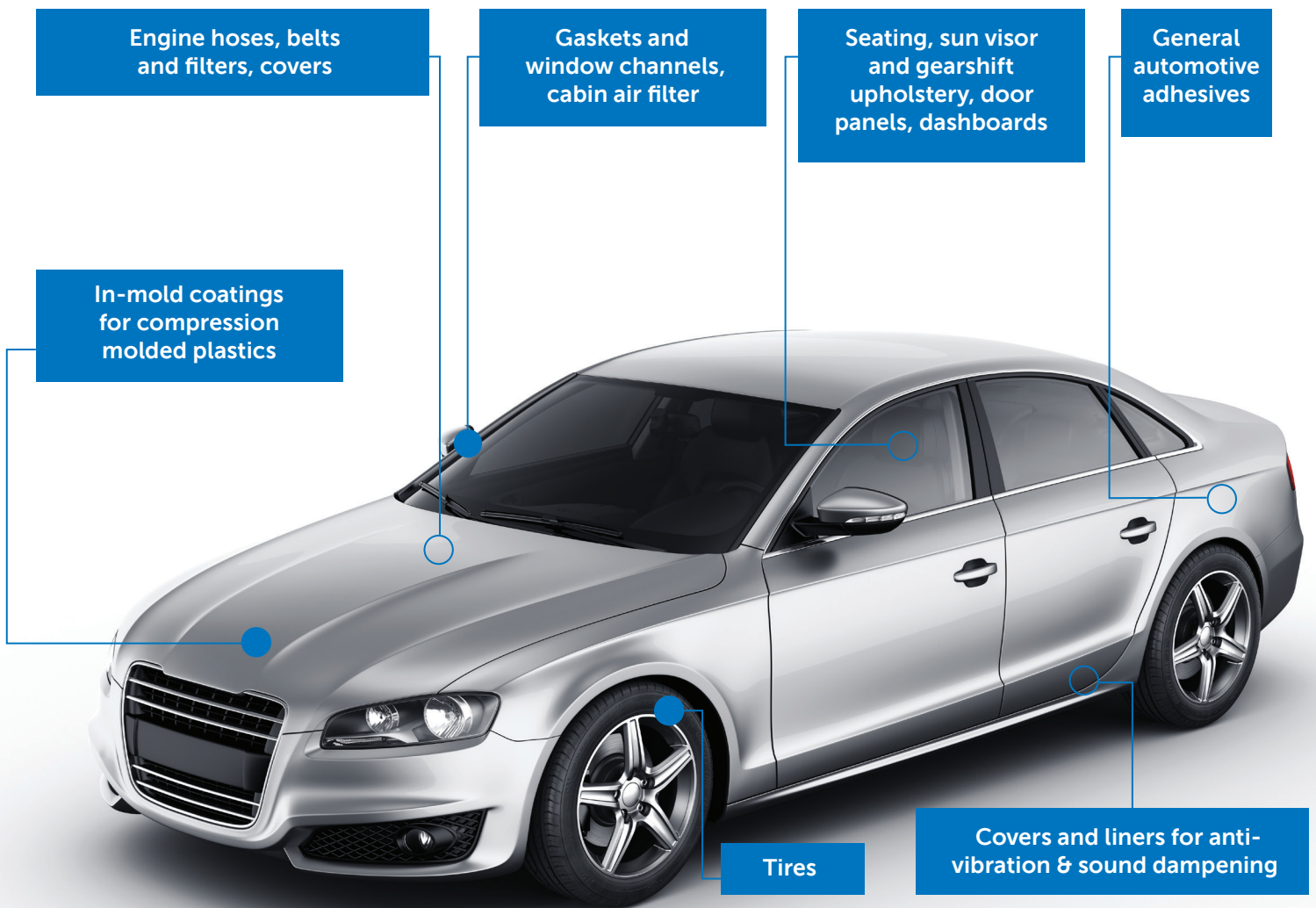
OMNOVA Solutions is more than a global leader in polymers, coated fabric upholsteries, and laminates. OMNOVA has long-standing expertise in the automotive market. Our roots go back to the earliest days of the worldwide auto industry. Today, in automobiles on every continent, you can find OMNOVA under the hood, in the body, around the tires, and on the seats. As a Tier 1 supplier to major global automotive OEMs, OMNOVA knows what it takes to deliver superior quality, innovation, technical knowledge, and logistical support.



Knowing our customers' demanding market needs, we seek to optimize our offerings and expertise, staying ahead of the curve with solutions that meet emerging requirements. We serve the industry with responsible products, production processes, and programs aimed at environmentally-preferred solutions that build long-term value.

In 2015, OMNOVA celebrates 100 years of innovation. From our founding as part of General Tire, our company has served the automotive industry with meaningful innovation and excellent service.

Advanced polymer science from OMNOVA enables our customers to produce lighter, more environmentally-oriented products for a wide range of automotive applications. Our deep automotive experience helps us deliver performance breakthroughs. Our expertise is applied in many key components of today's automobiles.





A Difference Passengers Can Feel

Our customers know OMNOVA coated fabric upholsteries for their excellent touch, design, low emissions, environmental features, appearance, and durable performance. Such a reputation is critical in today's world where drivers expect more from their automobile, and automotive designers are pushing the envelope with new concepts, requirements and technical challenges.

OMNOVA embraces each opportunity to define an automotive experience, whether through one of our standard **Duron™** or **Aura™** products or a fully customized solution.

We seek to partner closely throughout the entire commercialization process, from development to final manufacturing and delivery.

Our most sustainable solutions are low-VOC products with no heavy metals (ROHS compliant) or plasticizers that may harm the reproductive system, providing a more environmentally-preferred product and driving experience.

Our technical and scientific teams have the capability to develop unique constructions that ensure our solutions will meet or exceed expectations.

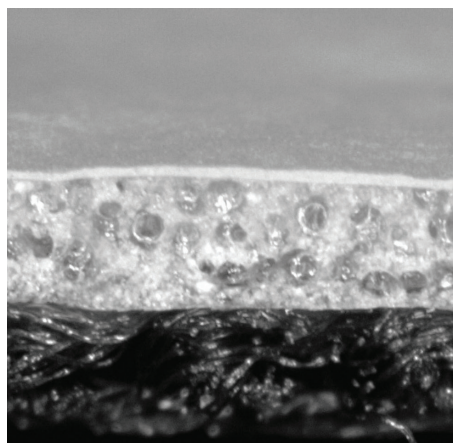


Our production facilities are ISO 14000, ISO 9001 and TS 16949 certified.



Duron PVC Upholstery

OMNOVA's expertise and insight come together in **Duron** fabric to create a high-grade material that is highly versatile and extremely durable. **Duron** upholstery is a proven solution for a wide range of vehicle seating, headrest, armrest and door panel applications. **Duron** upholstery is relied upon to deliver value with a broad array of design options and proven performance.

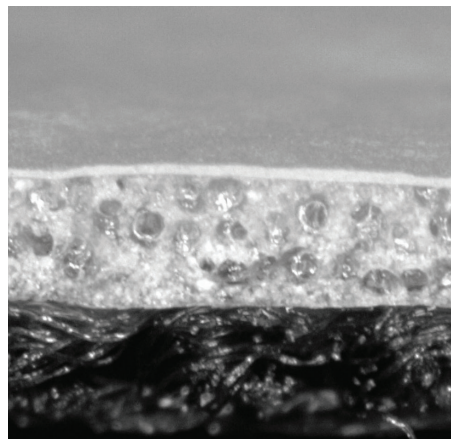


Criteria	Results
Emissions	Low VOC
Heavy Metals	SOC Compliant - contains no heavy metals
Flame Resistance	FMVSS-302 Heavy Flame Resistance
Aging Test	> 400 hours at 100 °C
Abrasion Resistance	Passes Taber test
Exposure Test	Passes Xe-ARC / C-ARC test (400 hrs)



Aura PVC Upholstery

Providing a pleasing, low-odor environment, **Aura** PVC upholstery delivers interior air quality that delights passengers. It goes further to provide a healthy environment, being formulated without halogens or heavy metals. It retains the durable, yet soft feeling associated with OMNOVA's premium vinyl upholstery, showcasing the company's expertise. It truly balances aesthetics, performance, and environmentally-preferred features.

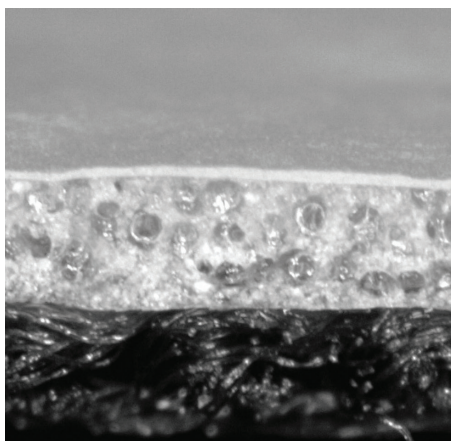


Criteria	Results
Emissions	Lowest VOC, formulated with water-based coating, low fogging
Air Quality	Low odor
Heavy Metals	SOC Compliant - contains no heavy metals
Environmental	Complies with ELV standard
Flame Resistance	FMVSS-302 Heavy Flame Resistance
Aging Test	> 400 hours at 100 °C
Abrasion Resistance	Passes Taber test
Exposure Test	Passes Xe-ARC / C-ARC test (400 hrs)



Aura PU Upholstery

Taking softness one big step further, **Aura** polyurethane (PU) upholstery has a luxurious touch for a truly comfortable drive. Its lightweight construction delivers surprising durability, while improving fuel economy. **Aura** PU is formulated without plasticizers, halogens, or heavy metals for the ultimate in environmentally-preferred features. **Aura** PU is the ideal choice for vehicles targeting an eco-performance package.



Criteria	Results
Emissions	Lowest VOC, low fogging
Air Quality	Low odor
Heavy Metals	SOC Compliant - contains no heavy metals
Environmental	No phthalates - complies with ELV standard
Flame Resistance	FMVSS-302 Heavy Flame Resistance
Aging Test	> 400 hours at 100 °C
Crack/Flex Resistance	Excellent low temperature - -20/-30 °C flex and crack resistance
Weathering Test	High hydrolysis resistance



World Class Technical Support

Continuous enhancement of OMNOVA technical knowledge and testing capabilities has resulted in the development of world-class technical centers that serve our customers' needs for responsive, value-added support on a daily basis.

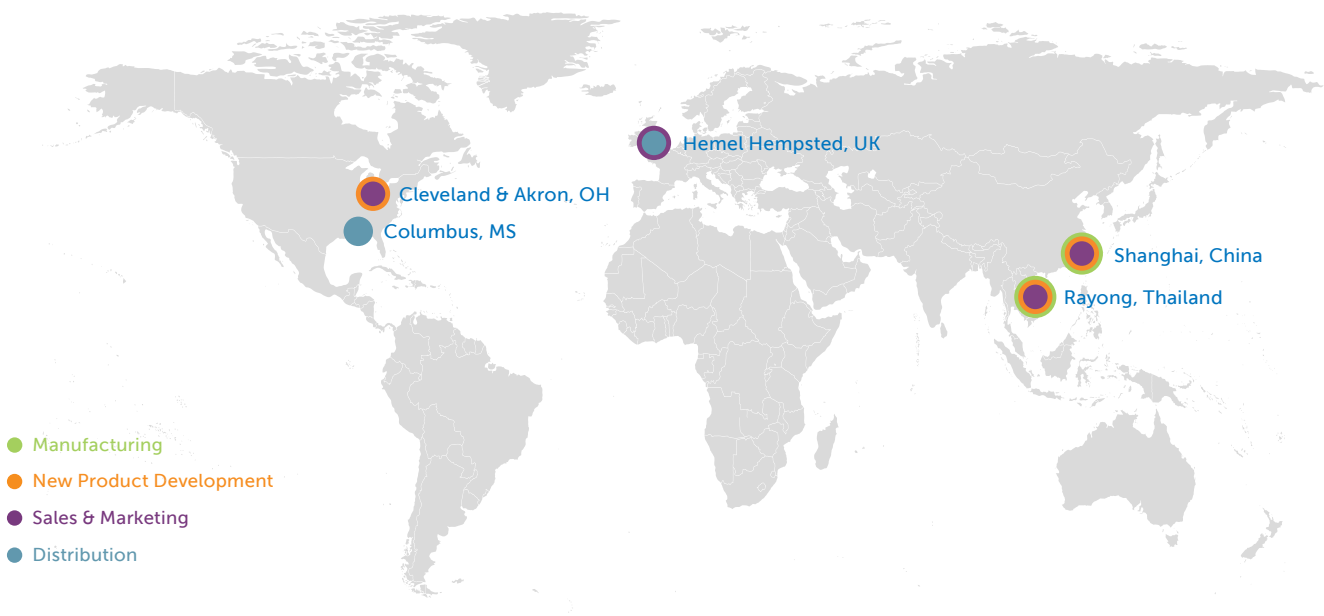
Today, our global technical centers lead the market in these services:

- Color matching accuracy expertise
- Rapid prototyping
- Full range of testing instruments
- Physical testing and analytical lab (GC and FTIR)
- Durability testing
- Flame retardant / chemical lab
- Color matching lab
- Promoting LEAN process and a safer working environment

Customers count on our adherence to OEM processes and our rapid prototyping services can increase speed to market. Most importantly, our technical abilities can ensure the quality of our product around the globe.

Performance for Every Requirement

	Duron™ PVC	Aura™ PVC	Aura™ PU
Environmentally Preferred (Compliance)	★	★★★	★★★
Low Odor	★★	★★★	★★★
Low VOC / Fogging	★	★★★	★★★
Soft Hand / Leather-like	★★	★★	★★★
Lightweight	★★	★★	★★★
Superior Durability	★★★	★★★	★★
Decorative Appearance	★★★	★★★	★★★
Wide Range of Grain and Color Options	★★★	★★★	★★★
Not Formulated with Plasticizers	★	★	★★★
No Halogens or Heavy Metals	★	★★★	★★★



OMNOVA is a global leader in coated fabrics with a strong global footprint. We have manufacturing facilities located centrally to the world's fastest-growing automotive markets, with technical and sales offices spread globally to service the needs of our customers. Our centralized production ensures quality and consistency, which have become the hallmark of our brand.

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