Eco-friendly leading company

MUJIN

MUJIN

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MUJIN

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History

2002.11

- Company Established
- Extrusion Coating and Functional Film Business

2004.03

- Factory Registration Certificate Issued (25292 Yangsan-si)
- Trade Business Registration

2006.11

- Selected as Technology Innovation-based SME (INNO-BIZ)

2006.12

- Certified as a Venture Business

2008.02

- Established Corporate Research Institute

2016.08

- Acquired NET New Technology Certification (Jointly with Hyundai Transys Co., Ltd.)
- Developed Solvent-free Polyurethane Adhesive for Automotive Leather Seat

2018.04

- Padding Technology Acquired ISO Certifications (ISO 9001/14001)
- Awarded the 52nd IR52 Jang Young-Shil Award
- Developed Cold Adhesion Technology Using Eco-friendly Solvent-free Polyurethane Thin Films

2020.05

- Entered Automotive Seat Punching and Design Business (MTPS)

2023.04

- Awarded the 100th IR52 Jang Young-Shil Award
- Developed Eco-friendly Multi-Design Continuous Punching System
- Acquired and Merged Eonyang Factory

“The future is people.”

We aim to become a leading company focusing on "healthiness" for people by using eco-friendly materials.

As the first company in South Korea to develop eco-friendly automotive leather seat processing technology using solvent-free polyurethane adhesives, MUJIN has opened a new chapter in the automotive seat and interior industry. Based on differentiated processing technology, we strive for the highest quality and lead the automotive seating industry.

MUJIN places the safety of our customers and the environment as our top priority. Guided by ESG management principles, we are committed to continuous innovation for a better future. We promise to contribute to sustainable growth by developing automotive interior materials that are healthy for people and the environment.

CEO of MUJIN Co., Ltd.

Technical Innovation

Achieve continuous R&D
and management innovation.

Creativity

Create new items to
foster proactive talent.

Eco-Friendly

Achieve VOC reduction
and ZERO adhesive waste.

Social Growth

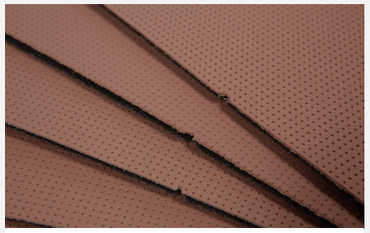
Discover exceptional
talent and create jobs.

Sustainable Challenges for the Future

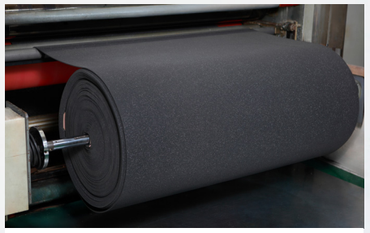
MUJIN Research Institute is at the forefront of innovation in the automotive interior materials market, with excellent professional staff and advanced research facilities. We are committed to sustainable efforts, prioritizing the efficient use of resources and the development of eco-friendly materials.

Through innovative solutions in harmony with the environment, we are building a better future together with our customers. MUJIN Research Institute envisions for a world where technology and the environment coexist, and enhances corporate competitiveness with future-oriented products rooted in sustainability and eco-friendly values.

Automotive Interior Materials



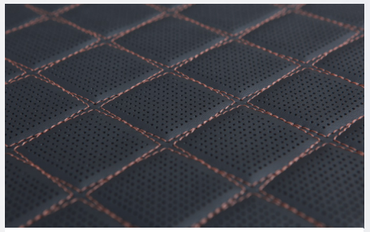
Seat Covering Lamination



Roll Coating

Velcro (Seamless)

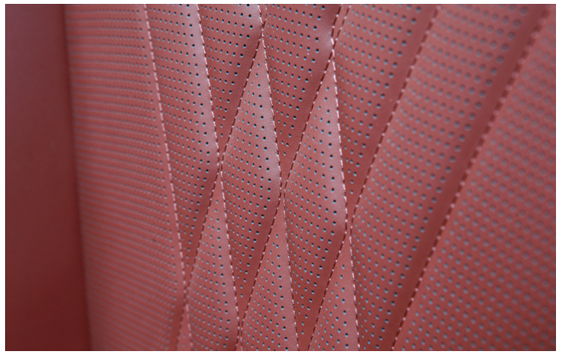
Punching (MTPS)



Quilting

Seat Covering Lamination

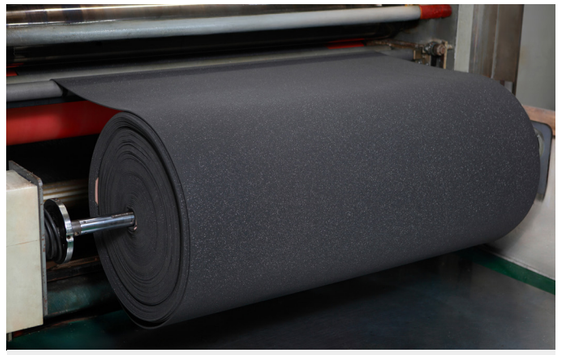
A specialized company providing top-quality and innovative automotive seat lamination.
With eco-friendly lamination technology utilizing solvent-free polyurethane adhesives, we maximize productivity through highly efficient lamination processes while meeting customer needs with superior material technologies that reduce harmful substances.



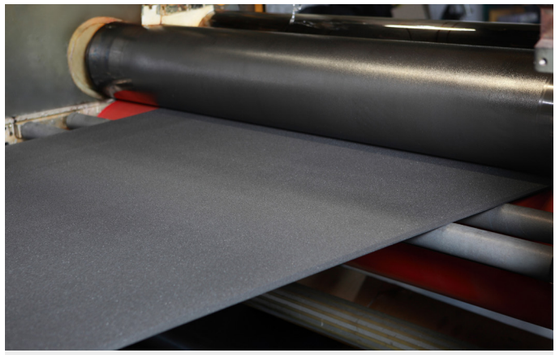
Roll Coationg

A company with precise coating performance based on meticulous working conditions.
We specialize in consistent coating performance using eco-friendly raw materials with no thickness deviations. By laminating roll-form sponges and composite fabrics, we maximize product quality.

Manufacturing process

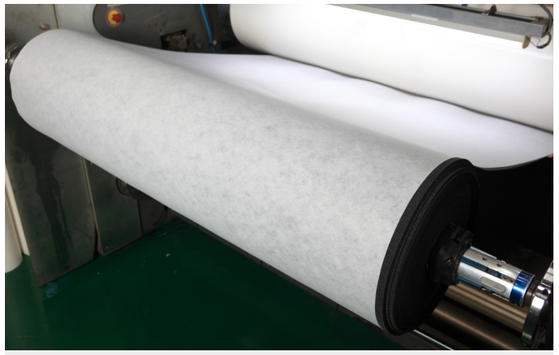


01 Foam Input



02 Coating

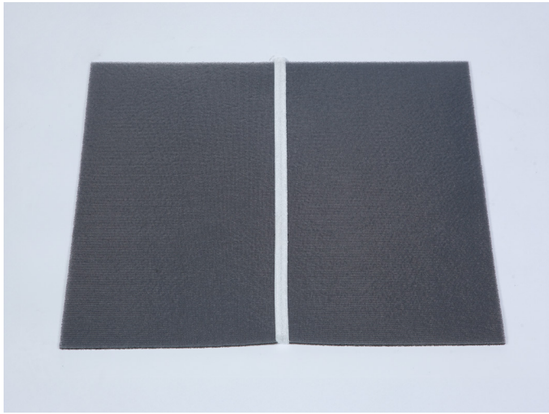
03 Fabric Lamination

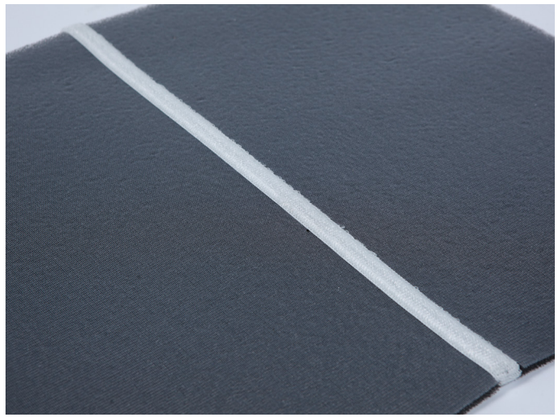


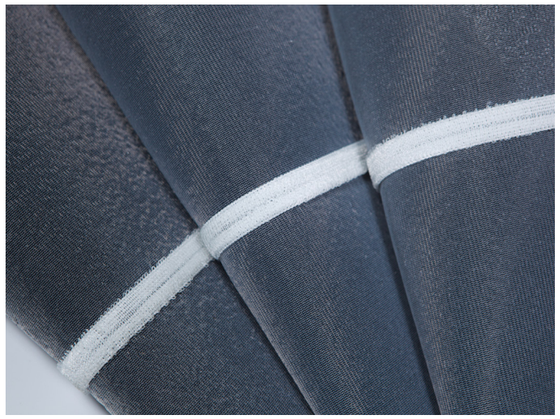
04 Quality Inspection and Packaging

Velcro

A leader in high-quality, durable seamless Velcro adhesion technology for automotive seats. This technology provides high bond strength without visible stitch lines on leather surfaces, improving product quality and customer satisfaction.

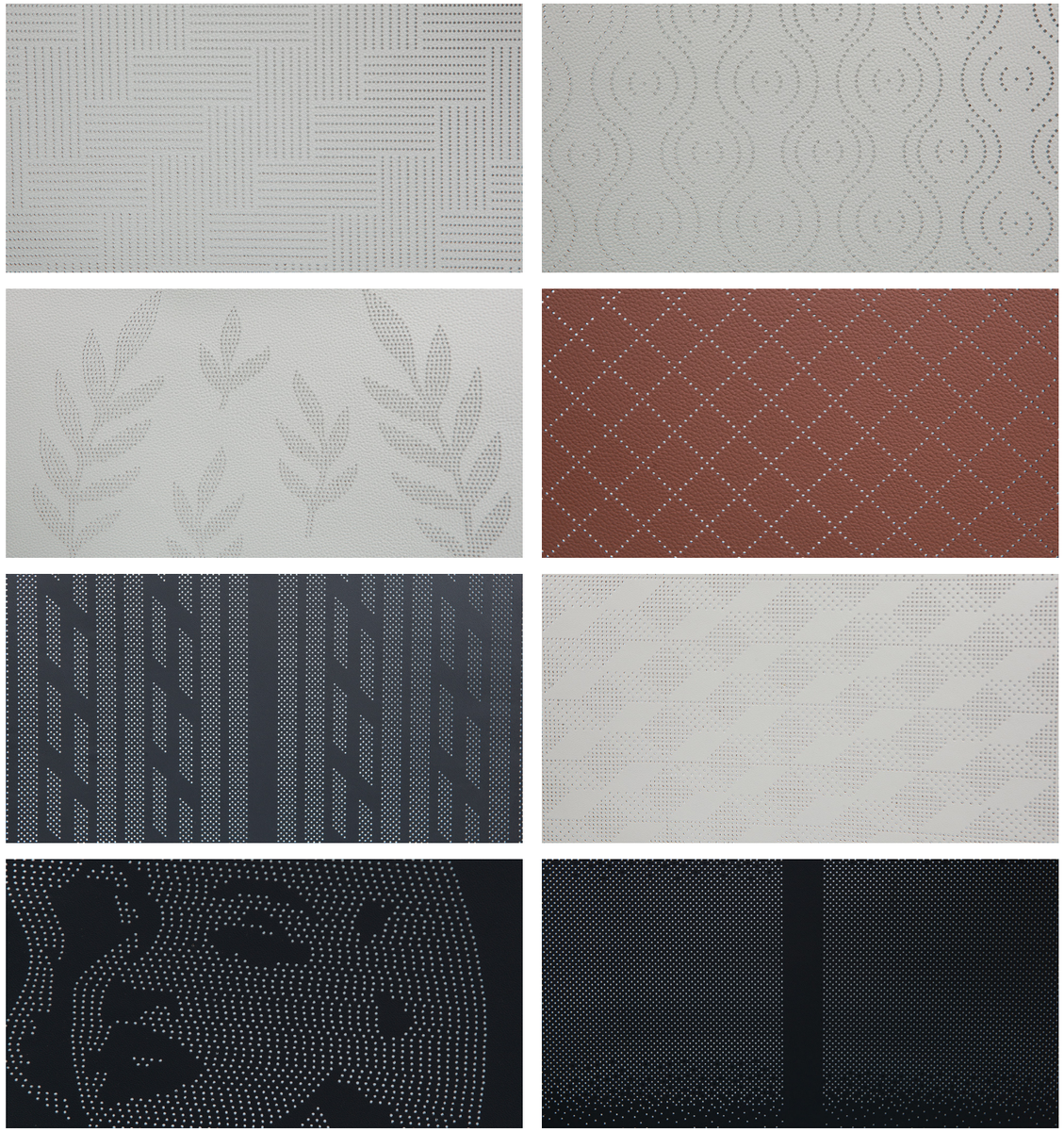






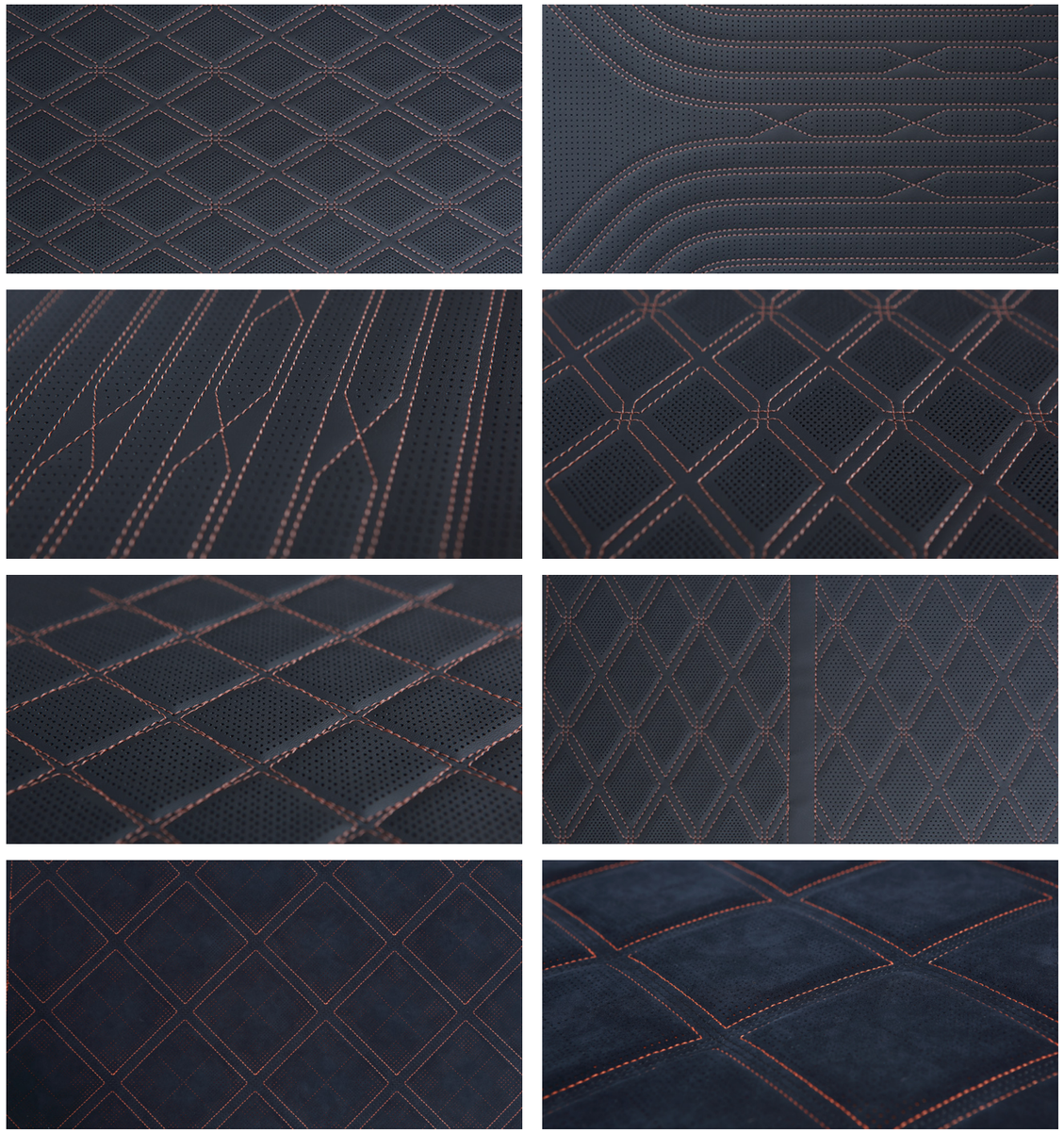
MTPS (Multi Typing Perforation System)

We apply sophisticated and original designs to achieve both luxurious appearance and functionality in automotive seats. This process improves perforation consistency and precision while enhancing ventilation performance. It minimizes issues with existing covers, reduces production costs, and improves performance.

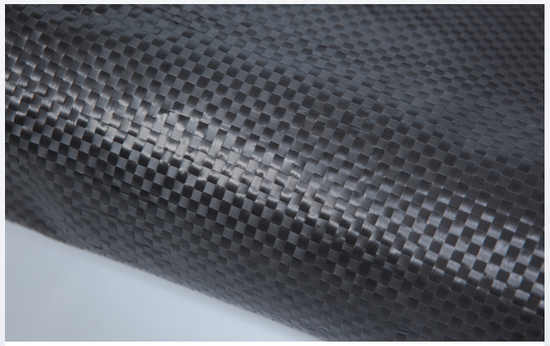


Quilting

A premium design application for high-end automotive seats that uses CNC machines to realize a variety of designs. This sewing-based process enables the creation of customized designs that meet customer preferences and provide superior aesthetic and functional value.



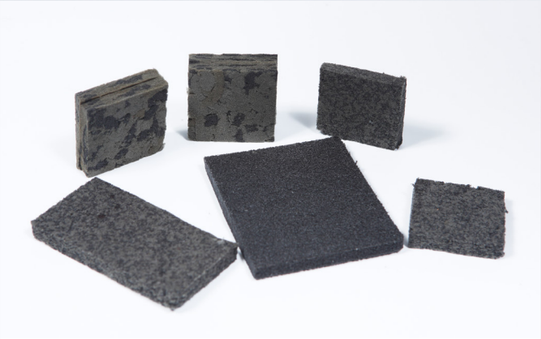
Polymer Resin Composites



Construction Core Reinforcement

Gas Pipe and Water Pipe
Warning Protection Sheets

PE Woven Cloth

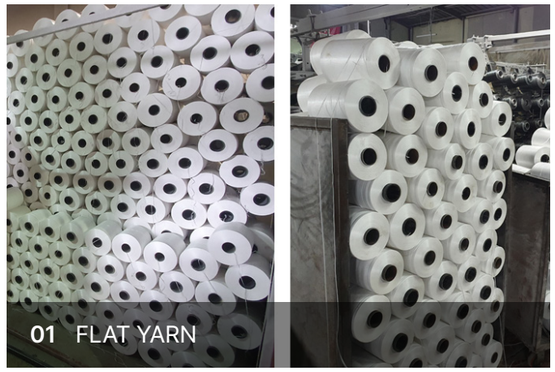


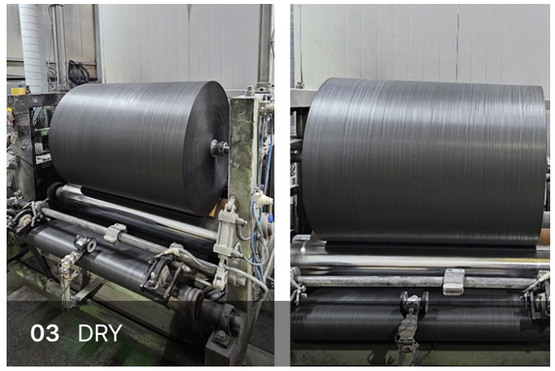
Biomass and Recycled
Composite Materials

Construction Core Reinforcement

Core reinforcement product for construction waterproof sheets

01. Comprehensive ownership of all processes



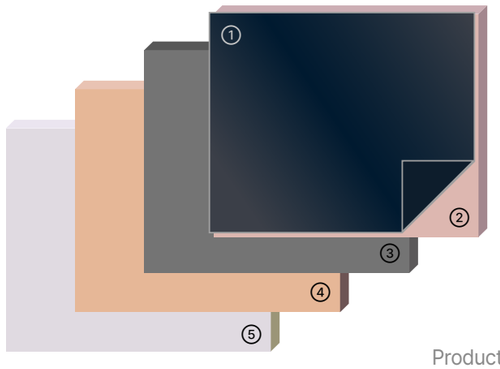


02. Guaranteed superior quality in adhesion

Tensile, and elongation properties.

03. Diverse customer base

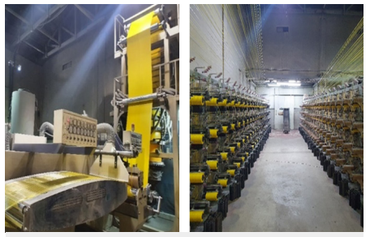
Components
① P.E Film
② Rubberized Construction Materials
③ Construction Core Reinforcement
④ Rubberized Construction Materials
⑤ Release Paper/Release Film/P.E Film



Gas Pipe and Water Pipe Warning Sheets

These are protective sheets designed to indicate the location of underground facilities during gas and water pipe installation projects.

One-line production facility



01 HDPE FLAT YARN

02 WEAVING

03 PRINTING

04 LAMINATING COATING

05 BATCH PROCESSING

06 QUALITY INSPECTION

07 PACKAGING

08 SHIPPING

PE Woven Cloth

This product combines soft PE (or PP) materials with paper, film, and other substrates to create versatile applications in construction, chemical, and agricultural packaging. Its lightweight yet durable structure allows for high to low density fabric designs to meet customer needs.

8 x 8

10 x 10

12 x 12

Eco-Friendly Adhesive Materials

We develop adhesives using bio-derived and recycled plastic materials. These adhesives exhibit comparable physical properties to traditional petroleum-based adhesives, demonstrating advanced eco-friendly adhesive technology.

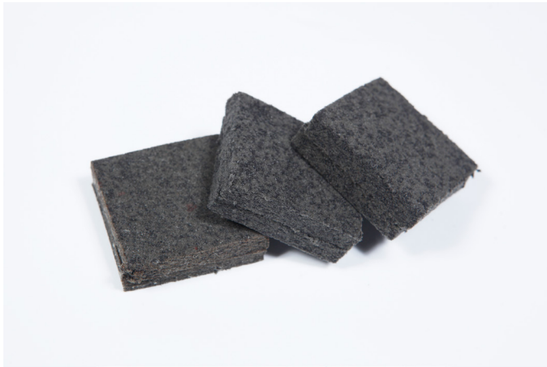
Recycled PU Sponge

We possess the technology to recycle PU foam by shredding it through pre-processing, primary crushing, and secondary shredding. The recycled PU foam scrub can be produced in various sizes and formed into blocks, demonstrating advanced recycling capabilities for waste PU foam.





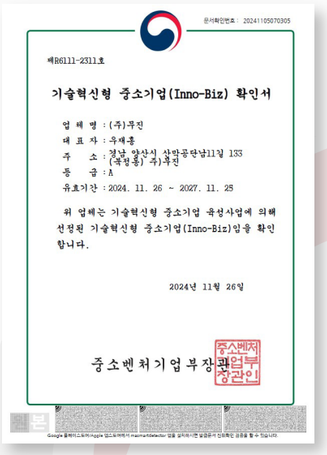


Certification Status

ISO 9001

ISO 14001

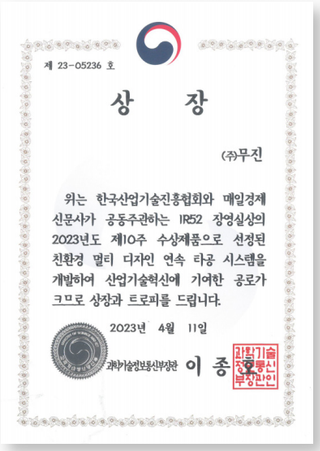


INNO-BIZ

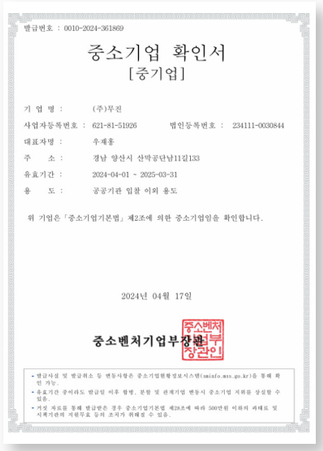
Jig device for manufacturing vehicle leather seat interior material

Manufacturing unit and jig components for manufacturing eco-friendly interior materials for leather seats

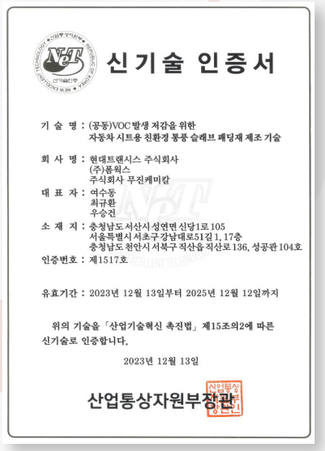
Method and device for manufacturing artificial leather for vehicle seats



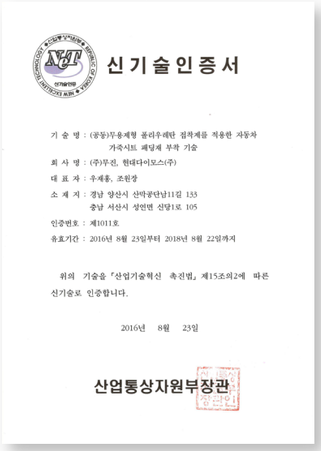
IR52 Jang Young-shil Award



2024 Commendation from the Minister of Trade, Industry and Energy



United States Utility Patent
Environment friendly
hot-melt composition
for vehicle interior material



Solvent-free polyurethane
adhesive application
technology for attaching automotive
leather seat padding

Location

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