

Dongguan Cigno Leather Expands Global Supply of Engineered Synthetic and Eco-Friendly Materials

NEW YORK, NY, UNITED STATES, August 18, 2026 /EINPresswire.com/ -- [Cigno Leather](#) is a professional manufacturer of high-quality synthetic leather, specializing in PVC leather, recycled PU leather, solvent-free silicone leather, microfiber leather, and bio-based vegan leather. Our products are widely used in furniture, automotive seating, handbags, footwear, packaging materials, medical beds, and more.

Cigno Leather: Innovation & Responsibility in Faux Leather

As a certified leader in the synthetic leather industry—holding USDA, GRS, and OEKO-TEX certifications—Cigno Leather brings 16 years of expertise in high-performance synthetic material manufacturing. We also provide test reports for antibacterial, anti-mold, UV resistance, fluorine-free, and flame-retardant properties to meet diverse application requirements. With a monthly output of 2 million meters and comprehensive OEM/ODM capabilities, we ensure on-time delivery and 100% quality inspection, earning the trust of over 200 global brands, including DIOR, COACH, Calvin Klein, and Walmart. Our portfolio features more than 5,000 product varieties, supported by continuous R&D focused on enhancing durability, craftsmanship, and sustainability. Every material is engineered to replicate the look and feel of leather without using animal-based inputs—offering a cruelty-free, scratch-resistant, machine-washable, and ethically produced alternative.

Our latest project reflects a deeper commitment: innovating with purpose. By replacing animal fur with high-quality synthetic alternatives, we deliver value that is not only good for you, but also respectful to our planet.

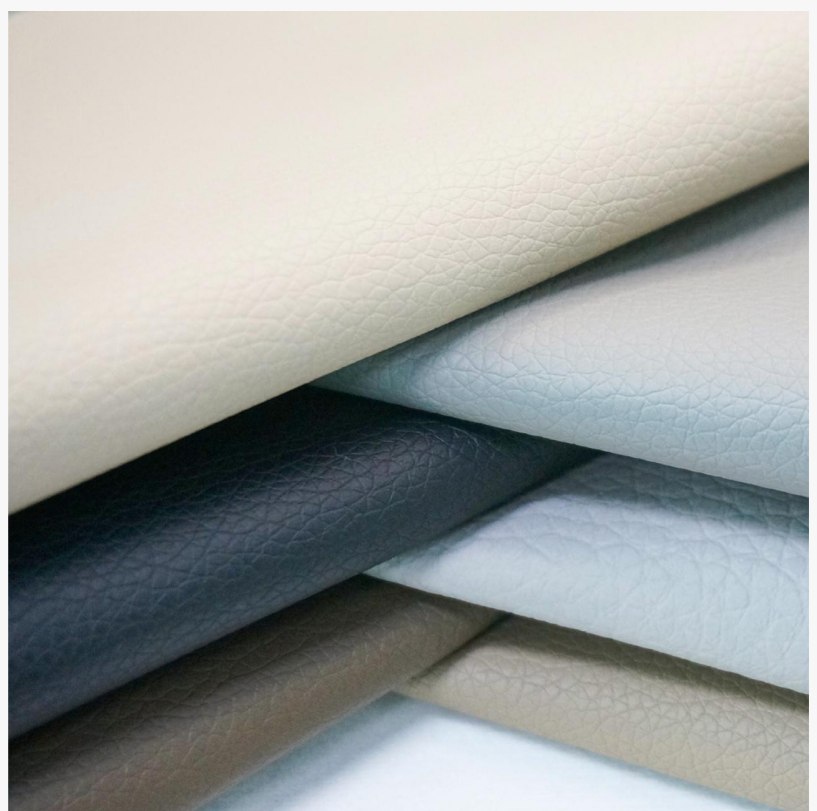


Dongguan Cigno Leather Office Facility

We are committed to providing excellent service, high-quality products, and competitive pricing—attracting customers from around the world. If you cannot find what you are looking for on our website, please do not hesitate to contact us. We will be happy to develop solutions tailored to your needs. We are your trusted partner in China.

Cigno Leather operates a manufacturing infrastructure equipped with six modern synthetic leather production lines and more than 20 units of specialized processing and laboratory testing equipment. The company's production facilities cover a operational area supported by an experienced workforce of technical and operational personnel. With a monthly production capacity reaching approximately 6 million meters and an annual output value of roughly RMB 600 million, the organization provides mass production capacity to fulfill bulk procurement orders from international original equipment manufacturers (OEMs) and original design manufacturers (ODMs).

Over more than 16 years of continuous operation, Cigno Leather has centered its manufacturing mission on engineered performance, environmental compliance, and functional versatility. The enterprise serves as an industrial supplier for material buyers looking to substitute natural leather with engineered materials that replicate traditional aesthetics while delivering enhanced technical properties, including scratch resistance, UV stability, flame retardancy, and machine washability.



Premium Synthetic Leather for Automotive Interiors



Eco-Friendly Synthetic Leather Material

Advanced R&D and Manufacturing Capabilities

Cigno Leather maintains an internal research and development program focused on material innovation, chemical safety, and functional surface treatments. The R&D department holds more than 30 national invention patents and actively contributes to the formulation of regional and industry-specific standards for synthetic materials.

- Key areas of technological focus include:
- Solvent-Free and Water-Based Polymer Processing: Developing eco-friendly polyurethane matrix systems that eliminate volatile organic compounds (VOCs) and hazardous organic solvents during coating and curing stages.
 - Bio-Based and Recycled Formulations: Integrating plant-derived bio-polyols and recycled polyester backing fabrics into synthetic leather layers to lower carbon footprints without compromising physical strength.
 - Functional Surface Modifications: Applying specialized topcoats and additives to achieve specific physical performance benchmarks, such as anti-bacterial, anti-mold, fluorine-free water resistance, stain resistance, and specialized flammability resistance.
 - Custom Grain and Texture Engineering: Utilizing precision embossing and matrix-matching technologies to reproduce natural animal hides (such as Nappa, lychee, and exotic grains) as well as modern geometric or custom-designed surface textures.

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ANNEX TO
SCOPE
CERTIFICATE

Product Annex to certificate no: B04213-G4-2021-00457300

Dongguan Boze Leather Co., LTD.
Global Recycled Standard 4.0

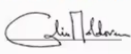
In specific the certificate covers the following products:

PRODUCT CATEGORY	PRODUCT DETAILS	MATERIAL COMPOSITION	LABEL GRADE
Fabrics (PC0028)	Bonded leather (PD0065)	50% Recycled post-consumer polyester (RM0189) + 50% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	45% Recycled post-consumer polyester (RM0189) + 55% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	55% Recycled post-consumer polyester (RM0189) + 45% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	60% Recycled post-consumer polyester (RM0189) + 40% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	35% Recycled post-consumer polyester (RM0189) + 65% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	65% Recycled post-consumer polyester (RM0189) + 35% Polyurethane (RM0210)	N/A
Fabrics (PC0028)	Bonded leather (PD0065)	30% Recycled post-consumer polyester (RM0189) + 70% Polyurethane (RM0210)	N/A

To be continued

Lowell, MA, USA, 02 September 2021

Name of the authorized person



Calin Moldoveanu
President, Business Assurance
Intertek Testing Services NA, Inc.

intertek





Global Recycled Standard Certificate



Dongguan Cigno Leather Co., Ltd.

The company's manufacturing workflow integrates precise automated thickness control, automated color matching systems, and online coating monitoring to maintain lot-to-lot consistency across large volume orders.

Comprehensive Product Portfolio

Cigno Leather's portfolio encompasses over 5,000 distinct product variations categorized by polymer composition, physical backing construction, and intended industrial application. The core product lineup addresses four primary market sectors.

1. Automotive Interior and Seat Upholstery Solutions

Automotive applications require synthetic leather to withstand rigorous environmental stress, temperature fluctuations, continuous mechanical friction, and strict volatile emission standards. Cigno Leather produces specialized automotive-grade materials engineered for car seats, door panels, dashboards, headrests, and armrests.

□[PVC Synthetic Leather for Automotive Seats](#): Engineered with a thickness range of 0.8 mm to 1.4 mm on customizable knitted or non-woven fabric backings. This material is designed to exhibit low odor, high tensile and tear strength, and high resistance to abrasion, scratch, UV degradation, and flammability. Surface options include matte and semi-gloss finishes with Nappa, lychee, or perforated patterns.

□Premium Nappa Synthetic Leather for Luxury Vehicles: Developed using fine PU, microfiber, or solvent-free resin systems. Featuring a fine Nappa grain texture, this material offers a soft, smooth hand feel paired with high elasticity, low-fogging characteristics, and superior hydrolysis resistance. It supports specialized automotive processing, including custom perforation, embroidery, and quilting.

□Microfiber Leather for Automotive Components: Built upon a dense three-dimensional microfiber matrix, this product replicates the internal fiber structure of natural hide. It offers high tensile and tearing strength, making it suitable for high-wear areas such as steering wheel covers, heavy-duty seating, and armrests.

2. Eco-Friendly, Solvent-Free, and Bio-Based Materials

To meet growing global demand for environmentally responsible materials, Cigno Leather offers eco-friendly synthetic options designed to reduce ecological impact throughout the material lifecycle.

□[Solvent-Free PU Leather](#): Manufactured without traditional solvents such as DMF (dimethylformamide). This process yields a material with zero solvent residue, extremely low odor, and reduced chemical emissions during manufacturing. It features high hydrolysis resistance, high flex durability, and a soft, comfortable touch suitable for residential upholstery and medical-grade seating.

□Bio-Based and Recycled Synthetic Leather: Incorporates bio-based polyols derived from renewable plant sources or recycled polyethylene terephthalate (rPET) fibers in the backing substrate. These products satisfy stringent environmental criteria while retaining performance properties comparable to conventional synthetic leathers.

□Cruelty-Free Vegan Leather: Formulated entirely without animal-derived inputs. Designed for high fashion, luxury handbags, footwear, and accessories, these animal-free polymers combine fashion-forward textures with machine-washable, scratch-resistant, and flame-retardant properties.

3. Commercial and Residential Furniture Upholstery

Furniture upholstery requires materials that balance aesthetic appeal with long-term wear resistance and ease of maintenance. Cigno Leather supplies synthetic leather options tailored for home sofas, commercial seating, office chairs, headboards, and interior wall panels.

□PVC Synthetic Leather for Furniture: Available in thicknesses from 0.7 mm to 1.2 mm on knitted, woven, or non-woven backings. Key functional attributes include stain resistance, easy-clean topcoats, anti-mold protection, flame retardancy (meeting international safety standards), and a wide selection of embossed textures ranging from classic leather grains to geometric art patterns.

□Solvent-Free PU for Sofa Upholstery: Engineered for premium seating, offering a soft hand feel and superior resistance to surface cracking and color degradation caused by environmental exposure or daily wear.

□Microfiber Leather for Furniture: Provides high mechanical durability and abrasion resistance, making it an ideal choice for heavy-use commercial environments such as hotel lobbies, airport lounges, and office furniture.

4. Footwear, Luggage, and Fashion Accessories Materials

Cigno Leather produces targeted synthetic material formulations for shoe uppers, linings, insoles, fashion handbags, backpacks, belts, and travel luggage.

□Microfiber Footwear Leather: Features high flex-folding resistance, breathability, high tear strength, and low weight. Designed for performance sports footwear, safety shoes, casual footwear, and sandals, the material maintains its dimensional stability under repetitive flex testing.

□Vegan Leather for Bags and Fashion: Offered in PU, microfiber, and bio-based variants with flexible thickness parameters (0.6 mm to 1.4 mm). Supports custom color matching, high-gloss or matte surface finishes, special metallic effects, and customized backing fabrics to meet seasonal design specifications.

Quality Assurance and International Certifications

Quality management at Dongguan Cigno Leather Co., Ltd. operates under an ISO 9001 certified quality control system. Quality assurance procedures are integrated into every stage of the manufacturing process, spanning raw material incoming inspection, in-process coating and laminating control, laboratory physical testing, finished roll inspection, and pre-shipment verification.

Global Recycled Standard Certificate

The company's materials undergo standardized laboratory testing to verify performance metrics, including:

□Mechanical Durability: Tensile strength, tearing strength, seam strength, and peeling strength

testing.

□Surface Resistance: Abrasion resistance (Martindale and Taber methods), scratch resistance, flexing resistance (Bally flexometer), and hydrolysis resistance (tropical chamber exposure).

□Environmental & Safety Compliance: Color fastness to light and rubbing, UV resistance, low odor testing, and flammability testing.

Cigno Leather maintains internationally recognized certifications that validate its technical and environmental claims:

□Global Recycled Standard (GRS): Verifies recycled content tracking and sustainable processing standards across recycled synthetic leather product lines.

□USDA BioPreferred Certification: Certifies the bio-based carbon content in eco-friendly material formulations.

□Oeko-Tex Standard 100: Confirms that products are free from harmful levels of toxic substances, heavy metals, and restricted chemicals.

□Chemical Compliance Standard Reports: Products are tested and documented for compliance with EU REACH regulations, RoHS directive standards, fluorine-free criteria, anti-bacterial/anti-mold efficacy, and specific flame-retardant requirements (such as BS5852, CA117, and FMVSS 302).

Global Market Footprint and Commercial Operations

Cigno Leather maintains an export-oriented commercial structure, with direct sales and international exports accounting for approximately 60% of total output. The enterprise supplies material distributors, OEM tier-1 suppliers, and product manufacturers across more than 50 countries and regions in North America, South America, Europe, Southeast Asia, the Middle East, and Africa.

Over its corporate history, the company has established trade relationships with over 200 global brand partners and industrial buyers across the automotive, furniture, fashion, and retail sectors, providing customized material solutions for international brand specifications.

To facilitate international trade, Cigno Leather operates flexible commercial and operational models:

□Order Customization: Minimum order quantities (MOQs) start from 100 meters per item for stock or standard product lines, and 500 to 1,000 meters per color for fully customized material developments. Standard production delivery schedules range from 7 to 30 days depending on material specifications and order volume.

□Payment and Financial Support: The company supports standard cross-border payment structures including T/T bank transfers, irrevocable letters of credit (L/C at sight), and secure trade platforms such as Alibaba Trade Assurance and XT Pay. For qualified long-term trade partners and large-scale manufacturing projects, specialized financial arrangements—such as deferred payment terms of 2 to 3 months—are available upon evaluation.

□Logistics and Shipping Flexibility: Logistics options include ocean container freight, air freight, and international express transport supported by standardized international commercial terms, including EXW, FOB, CFR, CIF, and DDP.

Practical Application Case: Automotive Seat Manufacturing

In an illustrative international project, Cigno Leather supplied 50,000 meters of customized automotive-grade synthetic leather to an automotive interior manufacturer based in Mexico. The project required precise color matching, custom embossing grain, specific backing fabric lamination, low odor performance, UV resistance, and strict flame retardancy to meet vehicle interior safety specifications. Cigno Leather delivered the bulk order within the designated schedule while providing technical support during the client's cut-and-sew manufacturing process.

Future Strategic Direction and Industry Vision

As global manufacturing industries transition toward sustainable supply chains, lower carbon footprints, and non-animal raw material inputs, Cigno Leather is orienting its long-term strategy around green chemistry and material science advancement.

Future operational investments are focused on:

1. Expanding Solvent-Free and Water-Based Polymer Lines: Increasing the proportion of solvent-free PU and water-based polyurethane capacity to further eliminate VOC emissions from manufacturing operations.
2. Advancing Bio-Based Carbon Content: Partnering with polymer chemical suppliers to increase the percentage of plant-derived polyols in synthetic leather coatings without compromising technical performance.
3. Enhancing Circular Material Integration: Developing fully recyclable synthetic leather structures where both the surface polymer layer and the backing textile substrate can be processed through post-industrial recycling streams.
4. Digital Customization and Rapid Prototyping: Streamlining sample development, color matching, and digital texture simulation to reduce prototype turnaround times for international design teams.

Summary

Dongguan Cigno Leather Co., Ltd. represents an established industrial supplier within the global synthetic material sector. By combining large-scale manufacturing capacity, a comprehensive product portfolio across PVC, PU, microfiber, and solvent-free polymers, rigorous quality control under ISO 9001, and internationally recognized eco-certifications (GRS, USDA, Oeko-Tex), Cigno Leather provides functional, customizable, and sustainable material solutions tailored to the evolving needs of the automotive, furniture, and consumer goods industries.

Vicky Pan

Dongguan Cigno Leather Co., Ltd.

vicky@bozeleather.com

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