

3M Reflective Film Road Signs Products

Professional Road & Traffic Sign Solutions

LUXPRO (CHANGZHOU) SMART POLES & LIGHTING CO., LTD

CONTENTS

01

ABOUT US

Explore the company's development history, core mission, and unique market competitiveness, comprehensively analyzing the brand's development foundation and value proposition.

02

PRODUCT OVERVIEW

Covering high-reflective road traffic signs, engineering-grade temporary construction signs, and various reflective warning labels supporting personalized customization.

03

PRODUCTION CAPABILITIES

Equipped with advanced high-definition printing technology, precision CNC cutting processes, and a complete production line for surface coating and post-molding finishing.

04

QUALITY ASSURANCE

Possessing formal authorized processing qualifications, a comprehensive product warranty system, and fully complying with ISO and international traffic sign compliance standards.

05

APPLICATIONS

Widely used in municipal road construction, construction site safety, highway protection, commercial parking lots, and industrial plant security.

06

WHY CHOOSE US

Integrating top industry technological advantages, large-scale production efficiency, highly competitive pricing systems, and round-the-clock service support.

07

CONTACT US

Obtain professional product consultation, customized solution design, and accurate quotation services to start an efficient and safe win-win cooperation journey.

SAFE TRAVEL BEGINS WITH HIGH-QUALITY REFLECTIVE SIGNS

01 ABOUT US



Smart Manufacturing Base • Full Process Strict Quality Control

Introducing automated production lines to ensure the precision and quality of every product.

Company Profile

We are a professional manufacturer specializing in the processing of 3M reflective sheeting into durable outdoor reflective signs and road traffic signs. Our expertise covers the entire production process from precision printing and die-cutting to final manufacturing, committed to providing high-performance sign solutions that meet international safety standards.

Our Mission

To provide reliable, high-visibility road safety products that ensure superior performance in all weather conditions, day and night.

01 ABOUT US



3M Authorized Material Sourcing

All raw materials are sourced from 3M's official certified supply chain, eliminating defective products at the source to ensure authentic optical performance and weather resistance.



Full In-House Production

Printing, laminating, die-cutting and quality inspection are all completed in-house, refusing outsourcing. This enables precise control over the entire production chain for stable quality.



Global Custom OEM Solutions

We offer exclusive customization from design to specifications for different markets, meeting customers' differentiated brand and functional requirements worldwide.

Adhering to strict standards for quality control and flexible customization to empower customers-- To be a leading professional reflective material solutions provider in the industry.

02 PRODUCT OVERVIEW

PRODUCT OVERVIEW

Driven by innovative technology, covering four core areas: municipal infrastructure, smart transportation, industrial manufacturing, and commercial services.

02 PRODUCT OVERVIEW: Reflective Road Traffic Signs

Made of high-quality 3M reflective sheeting, designed for maximum visibility and durability in harsh outdoor environments. Combined with advanced optical technology, it ensures all-weather visual clarity and is a key infrastructure for improving road traffic safety.



Full Range of Reflective Grade Solutions

Diamond Grade (DG³)

Uses micro-prism technology with top retroreflective performance. Designed for highways, complex junctions and high-risk accident-prone sections.

High-Intensity (3930)

Micro-prism structure with balanced cost-effectiveness. Suitable for urban arterials, expressways and permanent traffic signs with long recognition distance.

Engineer Grade (EG)

Glass bead enclosed lens technology, economical and practical. Suitable for branch roads, community roads, commercial advertisements and temporary warning signs.

From microscopic prism structures to macroscopic road guidance, our products perfectly combine optical performance with durable materials. Whether in heavy rain, dense fog or pitch-black nights, they provide clear and reliable visual guidance for drivers, building the first line of defense for road safety.



24H All-Weather Visibility

Vivid colors in the daytime and outstanding retroreflective brightness at night, still clearly visible even in rainy or foggy weather.



Longevity & Certification

High weather resistance with an outdoor lifespan of 10-12 years; compliant with ASTM D4956 international standards for guaranteed quality.

02 PRODUCT OVERVIEW: Temporary Work Zone Signs



Designed for construction and maintenance areas, providing reliable temporary traffic control and safety warning solutions.



Removable Adhesive Tape

Utilizes special pressure-sensitive adhesive layer technology, ensuring firm adhesion with no residue upon removal. It does not damage road surfaces or various facility surfaces, supporting rapid deployment and flexible evacuation, significantly reducing post-construction cleaning costs.



All-Weather Wet Reflective Technology

Breaking the limitations of traditional reflective materials, it maintains excellent visibility in rainy, foggy, and low-light nighttime conditions. It effectively penetrates rain curtains, providing drivers with longer reaction times and safety distances.



3M Diamond Grade Fluorescent Sheeting

Equipped with 3M 3924S professional fluorescent material, it presents high-saturation visual impact under natural light, increasing daytime conspicuity by over 40%, and can quickly draw attention especially in complex road conditions.

02 PRODUCT OVERVIEW: Custom Reflective Labels & Decals

Leveraging core high-reflective material technology, we provide fully customized identification solutions for industrial, transportation, and commercial scenarios, perfectly integrating safety warnings with brand value.



Industrial Pipeline Visualization Signs

Custom multi-color reflective flow direction signs for complex pipe networks in chemical, gas, HVAC, etc. Achieve clear long-distance recognition in dim industrial environments, eliminate misoperations, and ensure production safety and operational efficiency.



Heavy Vehicle Contour Warning

High-brightness contour signs tailored for freight trailers and engineering vehicles. Significantly enhance visibility at night and in severe weather, clarify vehicle boundaries, and effectively reduce the risk of rear-end and side collisions.



Smart Parking Guidance

Customize parking space numbers, entrance/exit signs and no-parking reflective signs to optimize parking order and improve night recognition.



Factory Area Safety Zoning

Danger warnings, equipment status and channel division in warehouses and workshops, creating a standardized industrial safety visual system.



Vehicle Brand Display

Custom shaped reflective decals with printable logos, combining brand communication with vehicle night safety warning functions.



Full-Form Customization

Supports personalized cutting and printing of any shape, size and color to meet diverse customization needs.

03

PRODUCTION CAPABILITIES

Equipped with advanced high-precision printing technology, precision digital cutting processes, and a complete surface coating and post-processing production line.

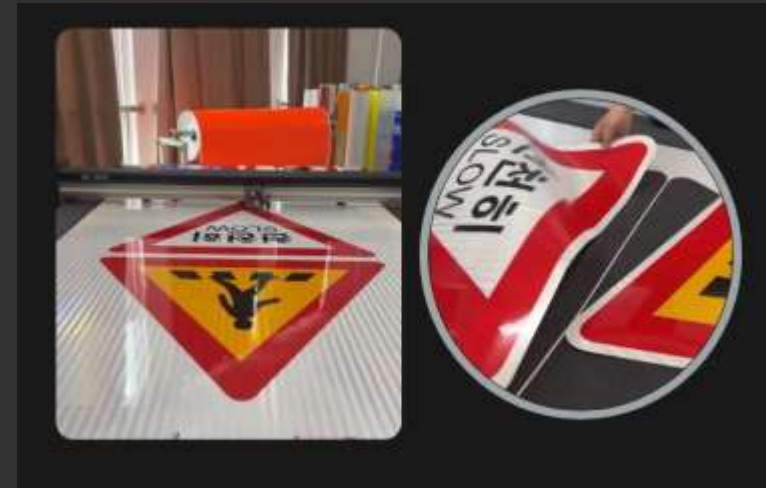
03 PRODUCTION CAPABILITIES: Technology & Craftsmanship

01 Printing Technology



-  **Color Accuracy:** Strict adherence to ASTM D4956 traffic color standards for high-fidelity reproduction and visual consistency.
-  **Green & Eco-friendly:** HP Latex solvent-free imaging technology, no harmful emissions, compliant with indoor/outdoor standards.
-  **ElectroCut Lamination:** Enhances vibrancy and weather resistance, effectively shielding against UV rays, rain, and temperature fluctuations.

02 Cutting & Finishing



-  **Precision Cutting:** High-precision equipment handles complex contours with smooth, burr-free edges for perfect detail.
-  **Composite Reinforcement:** 3M high-performance lamination for superior abrasion, tear, and weather resistance.
-  **Stringent QC Testing:** Full-process inspection of adhesion, retroreflection, and weatherability to ensure compliance.

04 QUALITY ASSURANCE

QUALITY ASSURANCE

Possessing authorized original factory processing qualifications, a complete product quality assurance system, fully compliant with ISO and international traffic sign standards.

04 QUALITY ASSURANCE: Certifications & Standards



Authorized 3M Original Material Processing

All reflective films are sourced from 3M certified supply chains, rejecting counterfeit substrates. We ensure high reflectivity, UV resistance, and weatherability from the source, providing long-term quality assurance for signs.



3M MCS 12-Year Extended Warranty

Manufacturing processes strictly follow the 3M MCS certification system. Through rigorous production control and quality testing, we offer an official 12-year quality and performance warranty for every traffic sign.



MUTCD Standard Compliance

Aligned with the Manual on Uniform Traffic Control Devices, ensuring sign design, dimensions, and reflectivity meet road safety standards.



ASTM D4956 Certification

Passed ASTM D4956 testing for reflective sheeting, ensuring high visibility and durability in rain, fog, and nighttime conditions.



ISO 9001 Quality Management System

Established a full-process standardized quality management system covering raw material inspection, production control, and finished product delivery.



CE Marking Certification

Products meet EU CE marking requirements, complying with strict safety, environmental, and performance standards for global market access.



05 APPLICATIONS



Municipal Road Facilities

Covers street nameplates, prohibition/warning signs and pedestrian crossing markings, building a clear urban road language system.

Construction Site Control

Provides temporary traffic control devices and construction area division signs to ensure safe separation of people and vehicles during construction.

Highway & Expressway Network

Large-scale guidance, elevated cantilever signs and exit preview systems meet the long-distance visibility needs of high-speed driving.

Parking Facility Guidance

Underground garage circulation planning, parking space zoning and entrance/exit instructions improve parking efficiency and space utilization.

From refined guidance on urban streets to efficient wayfinding in underground spaces, reflective signage technology is deeply integrated into the urban fabric, ensuring traffic safety and order around the clock.

Industrial Safety Extension: Widely applied in scenarios such as factory area facility identification, warehouse channel planning, and equipment hazard warning decals, laying a solid safety foundation for industrial production.

06 WHY CHOOSE US



3M Authorized Material Guarantee

Strictly selected traceable 3M genuine high-performance reflective films ensure weather resistance and reflectivity from the source, rejecting inferior substitutes for stable and reliable quality.



Full In-House Processing Control

Printing, laminating, and cutting are all completed in-house with no outsourcing, ensuring quality and precision at every step from production to avoid quality control issues.



Flexible Custom OEM Solutions

Tailor-made designs, dimensions, and reflectivity levels according to project requirements, accurately matching application scenarios for both standard and custom-shaped signs.



Highly Competitive Delivery Efficiency

A flexible production system responds efficiently, capable of rapid small-batch prototyping and stable large-batch order fulfillment, ensuring controllable delivery cycles.



International Standard Export Packaging

Reinforced packaging solutions are waterproof, crush-resistant, and wear-resistant, complying with global sea and air freight standards to ensure products remain intact after long-distance transportation.



Full-Cycle Professional Technical Support

One-stop technical services from material selection and construction guidance to post-maintenance are provided to solve various technical challenges in project implementation.

PRODUCT SHOWCASE



Large Format Traffic Sign System

High-reflective material for clear traffic guidance.



High-Visibility Fluorescent Material Printing

Vivid fluorescent stickers for safety protection.



Multi-Lingual Industrial Warning Labels

Standardized labels for global industrial safety.



Engineered Reflective Chevron Processing

Precision cutting for heavy machinery safety.



Customized Branded Reflective Stickers

Personalized decals with high adhesion.



Precision Digital Number Plates

Durable numbering for asset management.

PRODUCT SHOWCASE 2



Ready Stock Availability
Adequate stock of reflective materials ensures fast response and delivery for urgent orders.



Standard Prohibitory Signs
STOP signs and more, complying with international road safety standards, vivid and durable.



Customized Rescue Markings
High-reflective RESCUE decals, customizable for fire and emergency vehicles.



Multi-Level Reflective Performance
Comparing engineering and high-intensity grades for diverse optical performance needs.



Premium Raw Material
High-quality yellow reflective film base material with strong adhesion and anti-aging properties.



High-Visibility Warning Strips
Red and white arrow warning strips with strong visual impact for better night visibility.

07 CONTACT US

We sincerely welcome inquiries and cooperation for standard or customized orders. Please provide detailed specifications, including required reflectivity level, product dimensions, purchase quantity, and design drafts. Our professional team will evaluate and provide accurate and timely quotation plans at the first time to ensure efficient response to your needs.



Company Address

Luxpro (Changzhou) Smart Poles & Lighting Co., Ltd.
Room 2215, Building 4, Xin Long Jiang City Plaza, Xin bei District, Changzhou Jiangsu China. P.C 213000



Contact Us

Tel: 0086 13815191968
Wechat/WhatsApp: 0086 13815191968
Email: sales@luxprosystem.com



Official Channels

Website: www.luxprosystem.com
Facebook:
Service: 24-hour fast response support

Join hands to create a safe future: Choosing us means choosing a reliable, high-visibility road safety solution. We will ensure all-weather, day-and-night worry-free road safety guarantee with our superior product quality and professional technical support, escorting your projects and travels.

THANK YOU

Looking forward to further communication and creating the future together. Please feel free to contact us if you have any questions.