

PROFESSIONAL EFFICIENCY STANDARD EASY

HIGHWAY TRAFFIC FACILITIES

APPLICATION SOLUTIONS



 **河北同舟金属制品有限公司**
HEBEI TONGZHOU METAL PRODUCTS CO.,LTD

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 **同舟金属制品**
TONGZHOU METAL PRODUCTS

 GUARDRAIL

 POST

 SERIES ACCESSORIES

 OTHER TRAFFIC SAFETY FACILITIES

COMPANY PROFILE

233335 m²

Total land area

1000

Existing employees

12

senior engineer

150

artisan

1000000

Annual production of
1 million tons



Hebei Tongzhou Metal Products Co.,Ltd , it is located in Handan, a city seated at the junction of Shanxi, Hebei, Shandong and Henan and known for its prolonged history and profound culture and for its surprising steel production. The company enjoys very advantageously geographical location, since it is close to the national highway 107# and has very well-developed transportation networks, including the Beijing-Hong Kong -Macau Express Road, the Daqing-Guangzhou Express Road, the Qingdao-Lanzhou Express Road, and the railway systems that can reach almost every city in China.

The company has a total land coverage of 233335², the company has over 1,000 employees, including 12 senior engineers and 150 technicians working in a number of workshops, including the cutting workshop, the hot galvanization workshop, the transport facility workshop, the hardware hot dip galvanization workshop, and the large metal piece rack plating workshop. The company has successfully introduced the most advanced production equipment and facilities in Chinese markets as well as eddy-current testers, salt spray test chambers and other inspection and testing equipment. Currently, the company has 12 steel pipe column production lines, 4 corrugated beam guardrail sheets press modeling lines, 11 hot dip galvanization lines, 1 powder coating and PVC coating line, 7 fully automated fastener hot dip galvanization line, 2 hardware hot dip galvanization lines, and 2 automated large rack plating lines, realizing yearly production of 1 million tons of various types of products.

The company always sticks to its development principles of large scale, specialization and brand building. Now, the company products under "Tianyi" brand are extensively sold in all domestic markets in China as well as in overseas markets, such as Middle East, Africa, Europe, South America, and Southeast Asia, and have been highly recognized by construction units.

The company holds to its operating philosophy of "Quality, promise keeping, mutual respects and benefits" and is devoted to building a century enterprise and to promoting the advancement and development of the industry!



AASHTO M-180 W beam
galvanized guardrail
Post and other accessories



Thrie beam
galvanized guardrail



W beam
galvanized guardrail



TIS 248-2531
W beam galvanized guardrail



Hot dip
galvanized C Post



Hot dip
galvanized Z Post



Hot dip
galvanized U Post



Hot dip
galvanized round Post



Hot dip galvanized Spacer



C Spacer



Spacer



Hot dip galvanized U Spacer

LUMINOUS FILM

3M 3880 Series

3M™ Prismatic High-Intensity Reflective Sheeting
Enhance visibility and promote traffic safety.

Easy to process, suitable for various traffic safety applications and product manufacturing. Signs made with this reflective sheeting have more striking colors, enhancing daytime visibility. The product is more environmentally friendly.

Features pressure-sensitive adhesive and excellent retroreflective performance, providing high visibility.

Complies with China's national standard GB/T 18833-2012 Class III reflective sheeting; and American standard ASTM D4956-2001 Class III reflective sheeting.



Reflective Film 3940 Series

White (3940) Yellow (3941) Red (3942) Blue (3945)

Size: 1.22m*45.72m

Excellent Reflective Performance: Complies with China's national standard GB/T 18833-2012 (Class IV Reflective Standard). It significantly enhances the visibility of signs at night and in rainy or foggy weather, effectively improving road safety levels.

Long-lasting Weather Resistance with 10-Year Warranty: Adopts 3M microprism technology, with a wear-resistant protective layer on the surface. It has strong UV resistance and weather resistance, featuring an outdoor service life of over 10 years, and maintains long-lasting high brightness without attenuation.

Strong Adhesive Performance: Employs 3M's exclusive adhesive technology, ensuring firm adhesion and high peel resistance. Superior Processability: Easy to process and apply, which enhances construction efficiency. Eco-friendliness: Meets the sustainable development needs of the green industry.



3M 4081 series Product Highlights

Excellent reflective performance at both short and long distances. The fluorescent color enhances warning visibility during dusk, daytime, foggy conditions, and other severe weather. Compliant with China National Standard GB 18833 Class V reflective sheeting, ensuring brightness performance.

Helps address the common issue of reduced illumination from vehicle headlights on traffic signs. Outstanding weather resistance, energy efficiency, and environmental friendliness, reducing maintenance costs and efforts for owners.

Full-prism reflective sheeting with pressure-sensitive adhesive, classified as a National Standard Class V product. The fluorescent color improves the daytime visibility of signs, especially during early morning, dusk, low-light conditions, and severe weather. Its nighttime performance is equivalent to that of other non-fluorescent 3M Diamond Grade reflective sheeting, and it remains clearly visible at all critical distances. Boasting excellent wide-angle performance, drivers of large vehicles can also clearly see the information on the signs.

Complies with:
China National Standard GB/T 18833-2012 Class V reflective sheeting;
American Standard ASTM D4956-2001 Class XI reflective sheeting.



3M HIP Super High-Intensity Prismatic Reflective Sheeting

Excellent weather resistance, with strong scratch and abrasion resistance. Signs made with this material feature vivid colors and are more eye-catching during the daytime. Backed by a 3M original factory quality warranty of up to 10 years (warranty terms vary by region, please consult your local 3M sales representative). Complies with China National Standard GB 18833 Class IV reflective sheeting. It is a microprismatic reflective sheeting with pressure-sensitive adhesive, offering high reflective brightness and suitable for use in a variety of traffic safety application scenarios.

Meets the requirements of: China National Standard GB/T 18833-2012 Class IV reflective sheeting; American Standard ASTM D4956-2001 Class III and Class IV reflective sheeting.

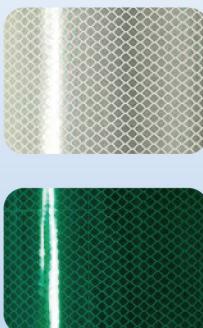


3M The third generation of diamond-grade reflective film

Product Highlights

Clear visibility: Delivers excellent visibility during daytime, dusk, severe weather, and nighttime. Suitable for curved surface application on traffic facilities: Durable and flexible, applicable to a variety of materials. Enhances the visibility of road construction zones to improve safety. More vivid colors. The Diamond Grade fluorescent yellow reflective sheeting features high-efficiency retro-reflective optical performance. Traffic facilities and temporary signs made with this reflective sheeting exhibit high recognizability, high conspicuity, and high definition, which enhances the guidance for vehicle and pedestrian flow and ensures safety.

Complies with: China National Standard GB/T 18833-2012 Class IV reflective sheeting; American Standard ASTM D4956-2001 Class IV reflective sheeting.
Package: 1.219 m x 45.72 m, 1 roll/carton



CERTIFICATES



CUSTOMERS & CASES



Beijing Yan Chong Highway—to built quality engineering escort 2022 Beijing Winner Olympics

Upgrade of the road section of the Beijing–Hong Kong–Macau Highway

Beijing Daxing Airport Highway – Xinguomen First Road It is an important road connecting Beijing's central city and Beijing Daxing International Airport. The BeijingTianjin–Hebei Highway is numbered S3501. It is part of the Daxing Airport's five vertical and two horizontal traffic protection network and is called the “Xinguomen First Road”

Gabon Port Gentil–Omboué Road and Ogooué River Booué Bridge

Rwanda LOD7 project