



Steel Strips LLP

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PRODUCT CATALOG

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ABOUT US

Established in 1987, JK Steel Strips LLP has built a legacy of excellence in the steel and metal processing industry. With over three decades of experience, the company is renowned for its expertise in steel trading, precision processing, and delivering solutions that meet international quality standards. As a trusted manufacturer and exporter, JK Steel Strips LLP sources materials from globally recognized mills, producing durable, precise, and low-maintenance steel products for a wide range of industrial applications.

We combine quality with customization, operating with advanced technology and state-of-the-art infrastructure. Rigorous quality checks ensure that our products meet international standards and client expectations. Our skilled team works closely with clients to provide tailored steel solutions that address their unique requirements. With a strong global presence, we export to countries including the UAE, Australia, Germany, Singapore, Sri Lanka, the Netherlands, etc., building long-term partnerships based on trust, reliability, and performance.

ALUMINIZED STEEL

Aluminized Steel is a premium coated steel product manufactured through a hot-dip aluminium or aluminium-silicon coating process. In this process, cold-rolled or mild steel is immersed in molten aluminium or an aluminium-silicon alloy, forming a strong metallurgical bond with the steel substrate.

The aluminium coating provides excellent corrosion resistance, high heat reflectivity, and long service life, while the steel base ensures strength, formability, and cost efficiency. Aluminized steel is widely used in applications exposed to high temperatures, moisture, and harsh industrial environments.



Product Details

Parameter	Specification
Product	Aluminized Steel Coil / Aluminized Steel Sheet
Shape	Coil / Sheet
Color	Silver
Packaging	Export-worthy metal packaging
Applications	Automotive, Engineering & Industrial Uses

Dimensional Range

Specification	Range
Thickness	0.15 mm – 4.50 mm
Standard Thickness (ASTM A463)	0.20 mm – 3.00 mm
Width	Up to 1500 mm (≈ 60 inches)

Grades Available

- SA1C, SA1D, SA1E
- DX51D, DX53D, DX54D, DX56D
- CS (A & B), DDS, EDDS, EDDS+
- Structural Steel, HSLA

Coating Specifications

Coating Type	Coating Weight / Designation
Type 1 – Aluminium–Silicon Coated Steel	60 GSM – 310 GSM
ASTM Designations	T1-13, T1-25, T1-40, T1-60
Type 2 – Pure Aluminium Coated Steel	0.65 Oz / Sq. Ft

Aluminized steel offers an ideal balance of strength, heat resistance, and corrosion protection. It is widely preferred for automotive, industrial, HVAC, and construction applications due to its long-term reliability, reduced maintenance costs, and consistent performance in demanding service conditions.

ALUZINC STEEL

We are widely recognized for supplying premium-quality Aluzinc Steel, a high-performance material engineered for superior durability and long-term corrosion protection. Produced through the Hot-Dip Aluminium-Zinc coating process, it features an Aluminium-Zinc-Silicon alloy coating for exceptional corrosion resistance, high reflectivity, and uniform finish.



Types of Aluzinc Steel

Type 1 – 55% Aluminium, 45% Zinc

High corrosion resistance and heat reflection. Ideal for harsh environments.

Type 2 – 45% Aluminium, 55% Zinc

Slightly lower heat & corrosion resistance than Type 1, economical, still superior to galvanized steel.

Type	Composition	Advantages	Cost
Type 1	55% Alu / 45% Zinc	Excellent corrosion & heat resistance	Higher
Type 2	45% Alu / 55% Zinc	Good performance, superior to GI	Lower

Available Range

- Thickness: 0.25 – 3.00 mm
- Width: Up to 1500 mm
- Coating Weight: 70 – 280 GSM
- Most Preferred Grade: AZ150



Size Chart

Thickness (mm)	Width (mm)	Coating	Grade
0.25 – 0.50	600 – 1250	70 – 150	CS / D / DX51D
0.50 – 1.20	900 – 1500	90 – 180	DX53D / DX54D
1.20 – 3.00	1000 – 1500	120 – 280	DD / EDD / DX56D

In summary, this material offers a reliable combination of consistent chemical composition, superior surface finish, and extended service life. With corrosion and heat resistance up to six times better than conventional zinc-coated steel, along with excellent weldability and formability, it ensures durability and flexibility across demanding environments. Its adaptability in surface finishes and wide range of applications—from roofing and HVAC systems to automotive, electrical, and industrial uses—make it a dependable and cost-effective solution for long-term performance.

COLD ROLLED STEEL

We are among the leading suppliers of Cold Rolled Close Annealed (CRCA) Steel Coils, Sheets, and Slitted Strips, catering to a wide range of industrial applications across India and global markets. Our CRCA steel is valued for its excellent surface finish, tight dimensional tolerances, superior mechanical properties, and consistent quality.

With in-house slitting, shearing, and cut-to-length facilities, we provide customized sizes and forms to meet specific customer requirements with precision and reliability.



CRCA

Available Forms

- Narrow Width Slitted Coils – Customized widths for precision applications
- Full Width Coils – Supplied as per mill standards
- Sheets / Blanks – Cut-to-size, deburred, skin-passed, oiled or unoled

Standards & Specifications

- IS / BIS
- JIS
- ASTM
- EN / DIN
- ISO

Supply Range

Thickness	0.15 mm – 4.50 mm
Width	10 mm – 1650 mm (custom available)
Coil Weight	Up to 30 MT (custom available)
Surface Finish	Super Bright, Bright, Dull, Matte
Surface Condition	Oiled / Unoiled, Skin Passed

Special Grades

- Case Hardening Steel: 15Cr3, SAE 1010, SAE 1012
- Through Hardening Steel: SAE 1040, 1045, 1055, 1065, 1080, 1541

In conclusion, our CRCA steel solutions combine precision manufacturing, superior surface quality, and excellent formability to meet the evolving demands of modern industries. With adherence to international standards, advanced in-house processing capabilities, and a commitment to quality and timely delivery, we ensure consistent performance across every application. Whether for automotive, electrical, construction, or general engineering needs, we deliver reliable, cost-effective CRCA steel products that support efficiency, durability, and long-term value for our customers.

ELECTRO GALVANIZED STEEL

Electro Galvanized Steel (EG Steel) is a premium cold-rolled steel coated with a thin, uniform layer of zinc through an advanced electroplating process. Unlike hot-dip galvanizing—where steel is immersed in molten zinc—electro-galvanizing uses controlled electrolysis to deposit zinc particles evenly across the surface.

This results in a smooth, bright, and dimensionally precise finish, making EG Steel ideal for applications that demand superior formability, surface aesthetics, and reliable corrosion resistance.

Its consistent quality and clean surface make EG Steel a preferred choice for precision manufacturing, decorative components, and electronic enclosures.

Specifications

Standard	JIS G3313
Grades	SECC, SECD, SECE
Coating Weight	10 GSM – 60 GSM
Thickness Range	0.25 mm – 2.3 mm
Width	Up to 1500 mm



Surface Treatments Available

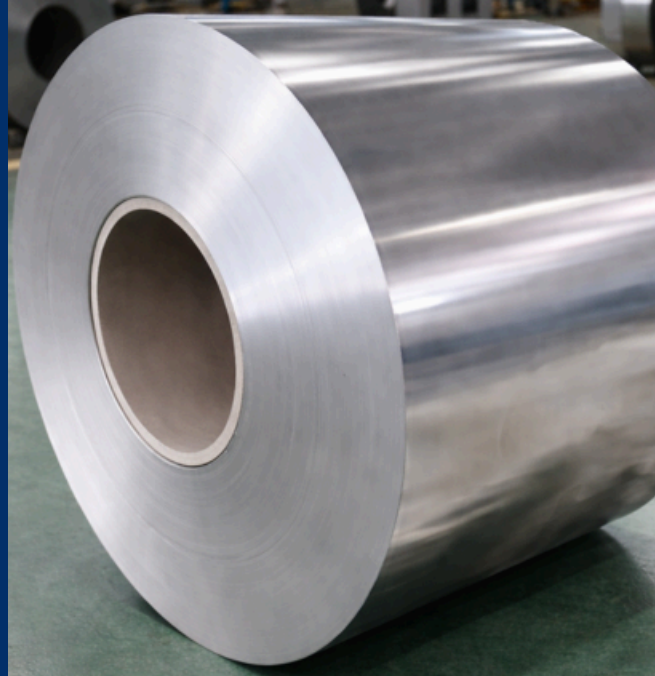
- Anti-Fingerprint Phosphate (AFP): Ideal for electronics and appliance panels; resists smudges, enhances appearance, and improves corrosion resistance.
- Chromated: Protects against white rust and corrosion during storage and transport; suitable for direct use or as a base for further coating.
- Phosphate: Improves adhesion of paints and top coatings; commonly used in automotive and engineered components prior to painting.

Electro Galvanized (EG) Steel offers an ideal balance of protection, precision, and performance for modern manufacturing needs. Its uniform zinc coating ensures dependable corrosion resistance, while the smooth, mirror-like surface enhances both aesthetics and coating adhesion. The material retains the excellent formability and ductility of cold-rolled steel, allowing it to perform reliably in deep drawing, stamping, and intricate fabrication processes without surface defects.

In addition, optimized zinc consumption makes EG steel a cost-effective and environmentally responsible alternative to traditional galvanizing methods. Whether used in automotive components, electrical enclosures, appliances, furniture, or general engineering applications, EG Steel consistently delivers clean finish, dimensional accuracy, and long-term durability—making it a smart and trusted choice for quality-focused manufacturers.

ELECTROLYTIC CHROME COATED STEEL (ECCS)

We are a reliable ECCS steel supplier in Mumbai, India, offering high-quality Tin-Free Steel (TFS) coils and sheets for food, industrial, and decorative packaging applications. ECCS is produced by coating cold rolled steel with chromium and chromium oxide through an electrolytic process, providing excellent corrosion resistance, superior lacquer adhesion, and a clean surface finish.



Supply Range

Parameter	Specification
Thickness	0.12 mm – 0.16 mm
Width	650 mm – 1250 mm
Forms Available	Coils, Sheets, Cut-to-Length Sheets
Additional Options	Polyethylene (PE) or Copolymer Coating

Material Details

- Base Material- Cold Rolled Blackplate
- Temper Range- 38 HRB to 85 HRB
- Coating: Chromium / Chromium Oxide

Dimensional Capability

Product Type	Thickness	Width	Cut Length
Single Reduced (SR)	0.17 – 0.20 mm	650 – 1250 mm	As required
Double Reduced (DR)	0.12 – 0.17 mm	650 – 1250 mm	As required

Width Tolerance

- Standard Trim: (-0.00 / +3.00 mm)
- Special Trim: (-0.00 / +1.00 mm)

Quality & Manufacturing Control

ECCS is produced through a controlled and precise process:

- Pickling and cleaning of base steel
- Cold rolling to exact thickness
- Batch or continuous annealing
- Temper rolling for strength
- Electrolytic chromium coating

Ensuring:

- Reliable mechanical properties
- Uniform coating chemistry
- Consistent corrosion protection
- Excellent flatness and dimensional accuracy

JK Steel Strips LLP connects global steel mills with industries requiring reliable, high-quality steel materials. With a strong supplier network and industry expertise, we ensure consistent quality, competitive pricing, and timely deliveries for all steel requirements.

GALVANNEALED STEEL



We offer premium quality GA steel coils, sheets, and slitted strips for automotive, appliance, and industrial applications. Our galvanized steel is produced through hot-dip galvanizing followed by annealing, forming a durable zinc-iron alloy coating.

This advanced coating provides excellent paint adhesion, superior weldability, and enhanced corrosion resistance, making galvanized steel ideal for demanding manufacturing environments.

Supply Range

Parameter	Details
Thickness	0.60 – 2.50 mm
Width	6 – 1500 mm
Coil Weight	Up to 20 MT
Forms	Coils, Sheets, CTL Sheets, Slitted Coils

Grades & Standards

- EN: DX51D – DX56D
- ASTM: CQ, DQ, DDQ, EDDQ
- Automotive Grades: IF, BH, HSLA

Coating & Surface Properties

Property	Details
Coating	Zinc-Iron Alloy
Coating Type	ZF40 – ZF180
Finish	Matte Grey
Surface Condition	Oiled / Dry

Technical Advantages

- Excellent paint adhesion
- Superior weldability compared to GI steel
- High corrosion resistance
- Uniform matte finish
- Good formability for stamping

JK Steel Strips LLP is a trusted Galvannealed Steel supplier in India, connecting global steel mills with industries requiring consistent quality, competitive pricing, and reliable delivery.

If you are looking to buy galvannealed steel coils or sheets in Mumbai or across India, we provide customized solutions backed by strong sourcing and processing capabilities.

GI STEEL TAPES

We manufacture and supply Galvanized Iron (GI) Steel Tapes using our in-house galvanizing bath, ensuring uniform zinc coating, consistent quality, and superior corrosion resistance. Available in both standard and customized sizes, our GI steel tapes are supplied in roll or coil form and are precisely engineered to meet diverse manufacturing requirements.



GI STEEL TAPES

Product Specifications

Thickness Range	0.15 mm – 0.80 mm
Width Options	5 mm – 200 mm (Standard: 20 / 25 / 30 / 35 / 40 mm; Custom
Roll Lengths	50 meters – 5 kilometres
Coil Inner Diameter (ID)	75 mm – 400 mm
Zinc Coating	60 GSM – 550 GSM
Quality Test	Passes 4-Dip Test for coating adhesion and corrosion

Standards Followed

- RDSO
- UL
- Non-UL

Zinc Coating Grades & Applications

Zinc Coating (GSM)	Application Suitability
60 – 120 GSM	Indoor and dry-environment
150 – 300 GSM	Standard underground and general outdoor use
350 – 550 GSM	Harsh, high-humidity, coastal & marine environments

GI Steel Tapes are engineered to deliver strength, precision, and long-lasting protection. With superior corrosion resistance, consistent thickness, and smooth edge finishing, they ensure seamless performance even on high-speed production lines. Backed by strict in-house quality control and advanced galvanizing processes, these tapes provide dependable durability across power, telecom, defence, railway, and infrastructure projects. Combining performance, reliability, and cost-effectiveness, our GI Steel Tapes remain a trusted solution for demanding industrial environments.

GI EARTHING TAPES



We manufacture and supply Hot-Dip Galvanized (GI) Earthing Tapes and Earthing Strips, engineered for reliable performance in electrical earthing, grounding, and lightning protection systems. Our products are processed in an in-house hot-dip galvanizing bath, ensuring uniform zinc coating, excellent corrosion resistance, and long service life even in harsh soil and weather conditions.

Product Specifications

Dimensions

Thickness	2 mm to 6 mm
Width	20 mm, 25 mm, 30 mm, 35 mm, 40 mm (Custom widths available)
Standard Sizes	25 × 2.5 mm, 40 × 2.5 mm, 25 × 3 mm, 40 × 3 mm

Length & Form

Roll / Coil Length	50 meters to 600 meters
Supply Form	Continuous rolls or coils

Coil Details

Inner Diameter (ID)	200 / 325 / 400 / 508 / 610 mm
Outer Diameter (OD)	Up to 2000 mm (Max)

Zinc Coating

Coating Range	60 GSM to 550 GSM
Standards	Custom coating as per IS / BS / IEC specifications

GI Earthing Tapes are designed to provide dependable grounding solutions with long-term corrosion protection and mechanical reliability. With a uniform hot-dip zinc coating, high strength, and resistance to harsh environmental conditions, they ensure safe and efficient performance across diverse electrical and infrastructure applications. Offering a cost-effective alternative to copper and easy on-site installation, our GI Earthing Tapes combine durability, customization flexibility, and strict quality assurance—making them a trusted choice for secure and efficient earthing systems.

HOT-DIP GALVANIZED STEEL

We supply premium Hot-Dip Galvanized Steel (HDG / GI) produced through a continuous hot-dip galvanizing process, where cold-rolled or hot-rolled steel is uniformly coated with a protective layer of zinc. This coating delivers exceptional corrosion resistance, excellent formability, and long-term durability, making HDG steel ideal for construction, automotive, electrical, and industrial applications.



Product Specifications

Thickness	0.10 mm – 4.00 mm
Width	6 mm – 1500 mm
Coil Weight	Up to 20 MT (custom weights available)
Forms Available	Coils, Sheets, Strips, Cut-to-Length Sheets, Slitted Coils

Grades & Standards

- EN Standards: DX51D, DX52D, DX53D, DX54D
- ASTM Standards: CQ, LFQ, DQ, DQSK
- Structural Grades (EN): S220GD, S250GD, S280GD, S320GD, S350GD
- Specialty Grades: Bake-Hardening Steels, HSLA Steels (on request)

Coating & Mechanical Properties

Zinc Coating	Z60 – Z450 g/m ² (total both sides)
Surface Finish	Regular Spangle, Minimized Spangle, Zero Spangle
Surface Treatment	Passivated, Oiled, Dry, Chromate-Free (RoHS compliant)
Hardness / Temper	Soft / Annealed or Full Hard

Hot-Dip Galvanized (HDG) Steel stands as a dependable solution for applications that demand strength, longevity, and superior corrosion protection. With its uniform zinc coating, excellent formability, and compatibility with further processing such as painting and fabrication, HDG steel ensures reliable performance in both functional and aesthetic applications. Its sacrificial protection mechanism significantly extends service life while keeping maintenance costs low. Versatile, cost-effective, and environmentally responsible, our HDG Steel is engineered to deliver consistent quality and long-term value across construction, automotive, engineering, agricultural, and industrial sectors.

ZAM STEEL



ZAM is an advanced metallic coated steel featuring a Zinc–Aluminium–Magnesium alloy coating. The addition of magnesium enables a unique self-healing corrosion protection mechanism, particularly at cut edges, punched holes, and scratched areas.

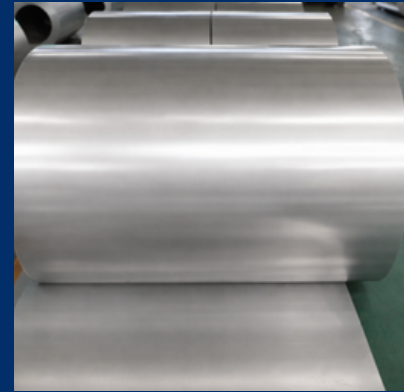
Compared to conventional galvanized steel, ZAM offers significantly superior corrosion resistance, longer service life with thinner coating, and reduced maintenance costs. It is especially suitable for aggressive, outdoor, and industrial environments.

Product Specifications

Parameter	Specification
Product	ZAM Steel Coil / ZAM Steel Sheet
Shape	Coil / Sheet
Thickness	0.30 mm – 3.00 mm
Width	Up to 1500 mm
Coating Weight	60 GSM – 450 GSM
Packaging	Export-worthy metal packaging

Material Available

- GIX
- Magnelis
- Macosta



ZAM Steel offers a next-generation corrosion protection solution for demanding industrial and infrastructure applications. With its advanced zinc-aluminium-magnesium coating technology, it delivers superior durability, self-healing edge protection, and extended service life—even in aggressive and coastal environments. Its excellent formability, weldability, and paint compatibility further enhance versatility across fabrication processes. By combining long-term reliability with reduced maintenance and lifecycle costs, ZAM Steel stands out as a smart, high-performance choice for projects where strength, sustainability, and lasting protection are essential.



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