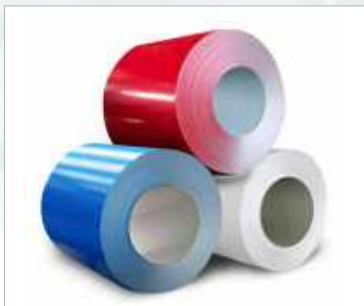




GAURANG STEEL®
STEEL AISA, FAULAAD JAISA



CHAIRMAN'S MESSAGE



Dear Customers,

I am pleased to introduce **Gaurang Steel**, a leading manufacturer, exporter, and one of the fastest-growing companies in the engineering and structural segment. We specialize in manufacturing a wide range of products, including Colour Coated Steel Coils/Strips/Sheets, Galvanized Plain Steel Coils/Strips/Sheets, Cold Rolled Close Annealed Coils/Strips/Sheets, Cold Rolled Full Hard Coils/Strips/Sheets, as well as ERW Precision Tubes, ERW Round Pipes, ERW Square Pipes, and ERW Rectangular Pipes. Our products conform to various national and international standards such as IS, ASTM, JIS, EN, and AS/NZS. We are an ISO 9001:2015 and ISO 45001:2018 (Occupational Health & Safety) accredited company. Established more than 35 years ago, Gaurang Steel has built a large and loyal customer base. We have successfully established a commanding presence in both domestic and international markets. Our global footprint is a testament to our commitment to quality and customer satisfaction.

At Gaurang Steel, we adhere to strict quality control and compliance systems to ensure that each product meets the highest standards of workability and efficiency. With decades of experience, technical expertise, and robust infrastructure, we produce an extensive range of steel products. Over the past 35 years, we have built lasting relationships with our clients, including many reputed corporations worldwide.

The outlook for the steel industry is very promising both in India and abroad. We are taking proactive steps to meet the growing demands at all levels. New projects are being planned to secure an even brighter future for our company, and we will share more details in due course.

Once again, I would like to convey my sincere thanks to you for your dedication and patronage.

Yours truly,

Mahendra Aggarwal
Chairman



STEEL AISA FAULAAD JAISA

Gaurang Steel is at the forefront of the steel manufacturing industry, known for its unwavering commitment to quality and innovation. Our tagline, "Steel Aisa, Faulaad Jaisa," perfectly captures the essence of our brand-producing steel that is robust and formidable.

MISSION

Our mission is to exceed customer expectations through fine craftsmanship, producing high-quality, durable steel products that offer long-term benefits. We are dedicated to providing unmatched customer service and delivering products that stand the test of time, ensuring satisfaction and reliability for every client.

VISION

To be the leading global provider of superior quality steel, renowned for our fine craftsmanship, unmatched durability, and exceptional customer service, setting new standards in the industry and creating lasting value for our clients.

VALUES

Quality Craftsmanship: We are committed to precision, durability, and excellence in every product we forge. Our dedication to craftsmanship ensures that every piece of steel meets the highest standards.

Customer Centricity: Every decision and action revolves around understanding and exceeding the needs, expectations, and preferences of our valued customers. We strive to build lasting relationships based on trust and satisfaction.

Sustainability: Through responsible sourcing, efficient processes, and innovative technologies, we are dedicated to preserving natural resources, promoting social responsibility, and safeguarding the well-being of future generations.

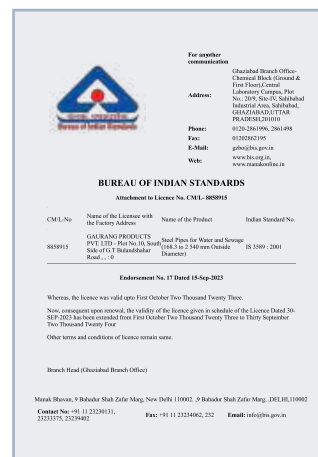
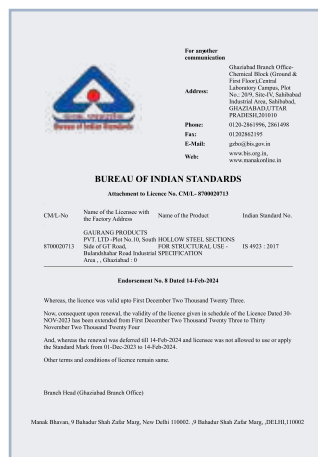
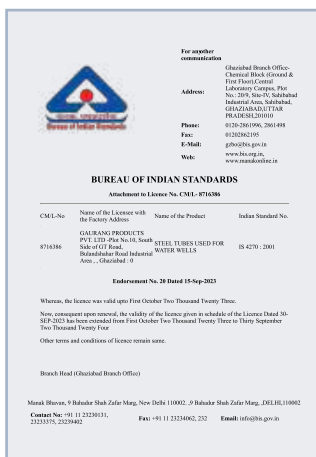
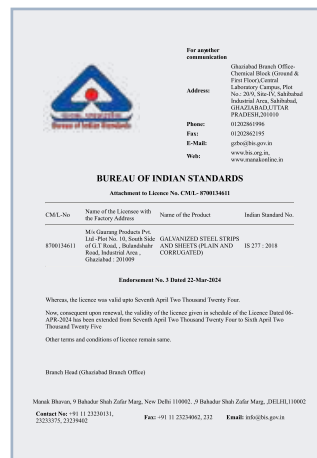
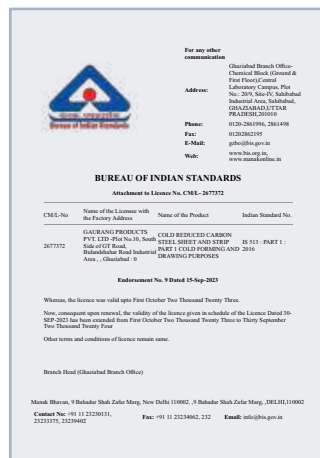
CERTIFICATIONS

Quality and Safety Accreditations: At Gaurang Steel, we prioritize quality, safety, and excellence in everything we do. Our commitment to upholding the highest standards is reflected in our certifications from renowned organizations. Here are our certifications:



Quality Management System Certification. This accreditation validates our adherence to international quality management standards, ensuring that our processes and products consistently meet customer requirements and regulatory expectations.

We prioritize health and safety with our ISO 45001:2018 certification, ensuring a safe work environment and regulatory compliance.



We are proud to announce that we are BIS certified! This prestigious certification by the Bureau of Indian Standards ensures that our products and services meet the highest quality, safety, and reliability standards.

JOURNEY OF THE COMPANY



1987

Established the plant and started the production of Small Diameter ERW MS Pipe with total production capacity 12,000 MT/Annum

1995

Established the Hot Dip Galvanized Mill & started the production of new product ERW GI Pipe and total production capacity increased upto 30,000 MT/Annum



2002

Established LDP Mill & started the production of new product Large Diameter ERW MS Pipe and total production capacity increased upto 50,000 MT/Annum

2009

Established Cold Rolling Mill of 1000 MM width & started the production of new product CR Coil / Sheet / BP Sheet and total production capacity increased upto 70,000 MT /Annum





2015

Established new Cold Rolling Mill of 1250 MM width and total production capacity increased upto 1,30,000 MT/Annum

2017

Established another Cold Rolling Mill of 1000 MM width and total production capacity increased upto 2,00,000 MT/Annum



2020

Established Continuous Galvanizing Line (GP Mill) and started the production of new product GP Coil / Sheet and total production capacity increased upto 2,60,000 MT/Annum

2023

Established Colour Coating Line (PPGI/PPGL Mill) and started the production of new product Colour Coated Coil and total production capacity increased upto 3,60,000 MT/Annum



ABOUT COMPANY

Nestled in the heart of Ghaziabad's industrial hub, our state-of-the-art manufacturing plant stands as a beacon of productivity and efficiency. With an impressive annual production capacity exceeding 360,000 metric tons, we specialize in creating a wide array of premium steel products.

Our diverse product lineup includes Colour Coated Coil/Strip/Sheet, GP Coil/Strip/Sheet, CRCA Coil/Strip/Sheet, CR Full Hard Coil/Strip/Sheet, and ERW Steel Pipes and Tubes. This comprehensive range allows us to meet various industry demands and offer our customers top-notch solutions.

INNOVATION

Innovation fuels our operations, with our dedicated R&D team playing a crucial role in our success. By continuously incorporating cutting-edge technologies into our products, we remain industry leaders, delivering advanced solutions to our customers.

EQUIPMENT

Our manufacturing plant is outfitted with state-of-the-art machinery, including:

- Cold Rolling Mill 600 mpm - 1300 width 4 hi
- Cold Rolling Mill 300 mpm - 1000 width 4 hi
- Cold Rolled Precision Slitter 200 mpm - width 1250 mm
- Electrolyte Cleaning Line width 1250 mm
- Hot Rolled Coil Slitter width 1900 mm
- Hot Rolled Coil Slitter width 1550 mm
- Non-Ox Continuous Galvanizing Line width 1320 mm
- 2 Bell (Batch) Annealing Furnaces
- 18 EOT Cranes, each with a 25-ton capacity
- Push-Pull Pickling Line 60 mpm - width 1650 mm, thickness up to 6 mm
- Trimming Line up to 1350 mm width, 400 mpm speed
- Colour Coated Line with 4 coater technology

These advanced facilities enable us to deliver high-quality products efficiently and consistently, reinforcing our commitment to excellence.



OUR TEAM



At Gaurang Steel, our team is the cornerstone of our success, embodying the strength, reliability, and innovation that define our brand. We pride ourselves on having a dedicated and skilled workforce that is committed to upholding the highest standards in the steel manufacturing industry.

STRENGTH

Our team's strength lies in their expertise and commitment. Comprising seasoned engineers, skilled workers, and dedicated professionals, we bring together a wealth of knowledge and experience. This collective strength enables us to tackle challenges head-on, drive innovation, and maintain our position at the forefront of the industry.

TEAMWORK AND COLLABORATION

We believe in the power of teamwork and collaboration. Our team works closely together, fostering an environment of mutual respect and cooperation. This collaborative spirit ensures that we can efficiently address any challenge and leverage our collective strengths to achieve our goals.

WHY CHOOSE US?



Unparalleled Expertise

Gaurang stands as a leading force in the manufacturing industry, backed by years of experience and a team of seasoned professionals. With an unwavering commitment to quality and precision, we bring unmatched expertise to every project, ensuring that our steel pipes and coils meet the highest standards.



Cutting-Edge Technology

At Gaurang, we continuously invest in state-of-the-art technology and modern manufacturing facilities. By staying at the forefront of technological advancements, we are able to deliver products that are at the cutting edge of innovation. Our commitment to advanced technology guarantees superior quality, efficiency, and performance.



Customized Solutions

We understand that each client and project is unique. That's why we offer tailored solutions to meet specific requirements. Whether it's custom dimensions, specialized coatings, or intricate specifications, our team of experts is dedicated to working closely with clients to deliver personalized solutions that exceed expectations.



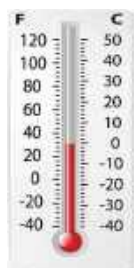
Unrivalled Quality Assurance

Quality is top priority at Gaurang. We have implemented rigorous quality control processes at every stage of manufacturing, ensuring that our steel pipes and coils are of the highest quality. Our commitment to excellence is backed by internationally recognized certifications, giving our clients peace of mind and confidence in the reliability of our products.



ISI CERTIFIED

Our Colour Coated Coil/Sheet is ISI approved that shows the commitment of Gaurang towards manufacturing of world class products with the latest technology.



**SUPREME
TEMPERATURE
MANAGEMENT**

Our Colour Coated Coil/Sheet stops radiations from penetrating inside the building, so maintaining greater thermal comfort all year round, keeping the interiors cooler.



ALL WEATHER PROTECTION

Our Colour Coated Coil/Sheet defend and protects against all kinds of weather, be it heavy rains, softly sea air, humid coastal climate, cold snow or heat.



Customer-Centric Approach

We believe in building long-lasting partnerships with our clients. Our customer-centric approach means that we prioritize their needs and goals. From prompt and responsive communication to dedicated customer service, we strive to provide an exceptional experience to our clients, ensuring their satisfaction at every step of the journey.



Sustainability & Environmental Responsibility

Gaurang takes its responsibility towards the environment seriously. We are committed to sustainable practices, employing eco-friendly manufacturing processes and minimizing our environmental impact. By choosing us, you align with a company that shares your values and actively contributes to a greener and more sustainable future.

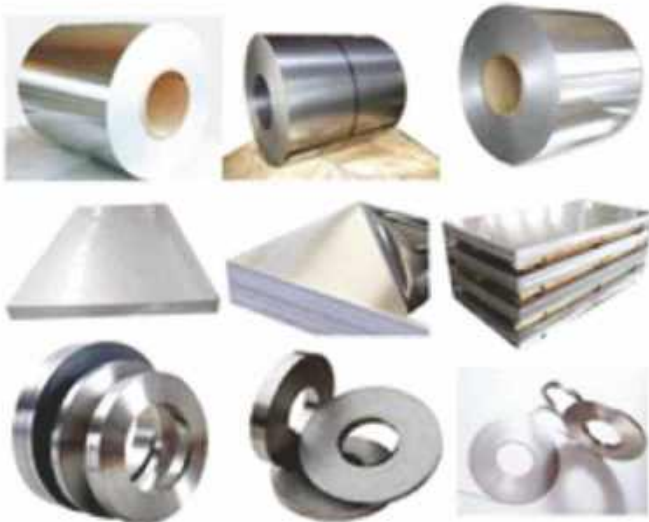


COLD ROLLED STEEL COIL AND SHEETS

Cold-rolled Steel coil is a steel product produced by applying plastic deformation to hot-rolled steel on cold-rolling mills. With such processing, the product can have more accurate dimensional tolerances, better surface quality and improved mechanical properties as compared with hot-rolled coils.

Its usage is increasing day by day as it becomes more and more prevalent in appliances like washing machines, refrigerators, electrical panels, general engineering components, and bus bodies. It has countless applications and consistently provides quality, boosts customer happiness, and pays respect.

CR COIL/SHEET MANUFACTURING PROCESS



BENEFITS:

- **Strength** - Cold Rolled Steel can exhibit up to 20% greater strength than Hot Rolled Steel, making it more suitable for high-stress applications.
- **Precision** - Cold Rolled Steel does not shrink after the forming process, allowing for the creation of precise components that require little to no secondary processing.
- **Surface** - Cold Rolled Steel has a smoother and shinier surface, free of rust and scale.

APPLICATIONS

Cold Rolled Steel Coil/Sheets are used in various applications. Some of the common uses are as follows:

Agriculture	Grain Silos, Sprayers, Pans, Feeding Troughs, etc.
Automobile	Cars, Busses, Bicycle, Truck Bodies, Undercarriage Work, Air & Oil filters, Fuel & Oil Tanks, Exhaust Pipes.
Construction	Side Walls, Partitions, Panels, Valley Gutters, Louvers, False Ceilings, Partition Walls & Ducks, Highway Bumpers, Slotted Angles, Zinc/Chrome/Nickel/Paint-Coated Products.
Electrical Appliances	Fan, Air Conditioners, Coolers, Refrigerators, Freezers, Electrical Panels, Decorative Lamps, Electric Stamping
Furniture & Fixtures	Desks, Lockers, Racks, Lightweight Chairs, Telescopic Channel, Door Hinges.
Industry	Drums & Barrels, Pipe & Tubes, Railway Coaches and Other Applications.
Outdoors	Sign-Boards, Hoardings, Road Signs.
Domestic	Trunks, Ice Boxes, Household Machines, Tubs, Pails, Buckets, Storage Bins, Water Tanks, Washing machines, Bathroom Doors, etc.



PRODUCT SPECIFICATION

Standards/Specifications	IS 513, ASTM A366, JIS G 3141, EN 10130 and other.
Grade	D, DD, EDD, IF, C-30, C-40, C-55, CS, DS, DDS, EDDS, SPCC, SPCD, SPCE, SPCF, SPCG, Dc01, DC03, Dc04, DC05, DC06, 1/8 HARD, 1/4-HARD, 1/2- HARD, FULL HARD, STAMPING and other.
Base Metal	Carbon Steel
Surface Finish	Matt, Bright, Mirror, Polished, Dull
Surface Treatment	Electrolytic Cleaning, Batch Annealed and Skin Pass
Thickness (MM)	0.25 MM-3.00 MM
Coil ID (MM)	508 MM and/or 610 MM
Width (MM)	600 to 1300 MM
Sheet Length (MM)	1000 to 3500 MM
Coil weight (MT)	05-25 MT and/or as per customer requirement
Sheet Weight (MT)	03-3.5 MT and/or as per customer requirement
Hardness (HRB)	65 HRB & below-Soft/80 HRB & above-Hard and/or as per customer requirement
YS (MPA)	240-550 MPA and/or as per customer requirement
Edge	Mill, Trim, Slit
Oiling	Rust Preventive Oil and/or as per customer requirement
Winding	Controlled Staggered Winding (± 10 MM)
Packing	Sea-worthy packing, eye-to-horizontal, with and without wooden skid.
Supply Conditions	In Coil/Strip/Sheet Form



ELECTROLYTIC CLEANING LINE (ECL)

The Electrolytic Cleaning Line (ECL) is utilized to remove the coolant particles, rolling oil, iron powder and other debris left on the surface of the CR Full Hard coils retrieved from the Cold Rolling Mill prior to the Annealing Furnace.

This process is followed by rinsing and drying after cleaning by chemical, electrolytic and mechanic cleaning (brushing) to reproduce a coil.



Gaurang[®]
SAMRIDHI

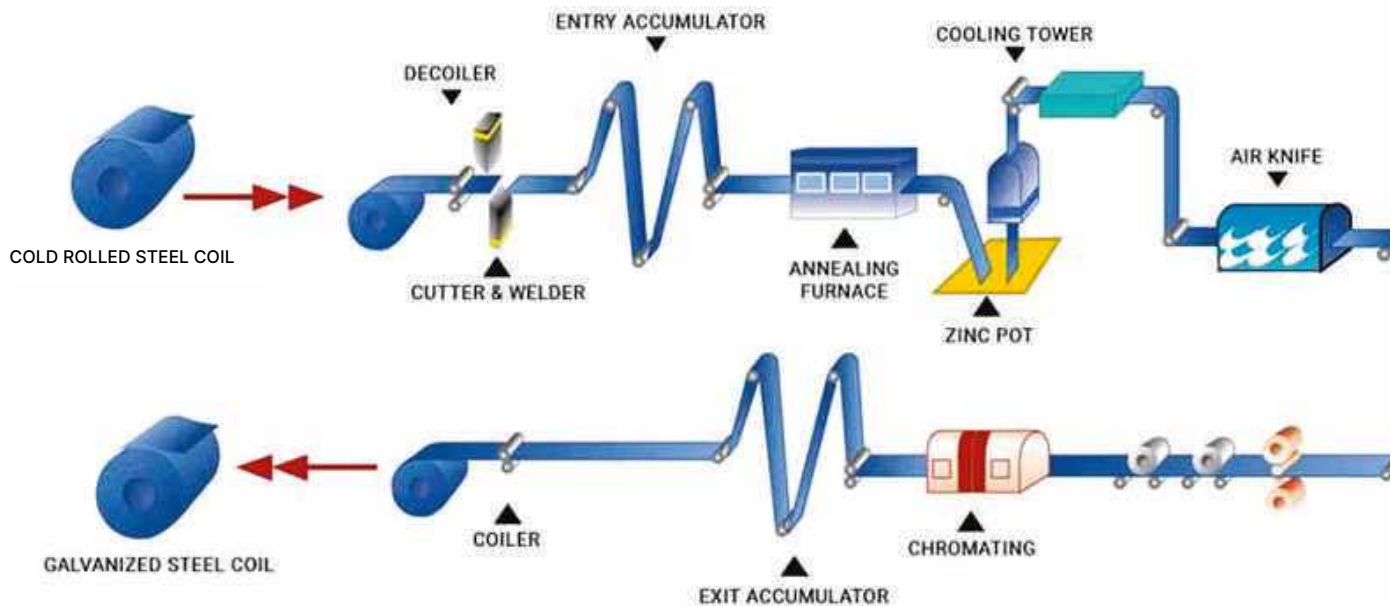
GALVANIZED COIL & SHEETS



GALVANIZED PLAIN STEEL COIL & SHEETS

Galvanized plain steel coil is a type of steel coil that has been coated with a layer of zinc to protect it from rust and corrosion. The process of galvanization involves immersing the steel coil in a bath of molten zinc, which creates a metallurgical bond between the zinc and the steel.

MATERIAL FLOW IN A CONTINUOUS GALVANIZING LINE (CGL)



BENEFITS

1. Prolonged Corrosion Resistance
2. Excellent Surface Finish
3. Safe to use
4. Low maintenance
5. Strong and Durable
6. Cost-efficient



APPLICATIONS

Galvanized Steel Coil/Sheets are used in various applications. Some of the common uses are as follows:

Agriculture	Grain Silos, Sprayers, Ghamellas, Pans, Feeding Troughs, Fencing, etc.
Automobile	Cars, Busses, Truck Bodies, Undercarriage Work, Air & Oil filters, Fuel & Oil Tanks, Exhaust Pipes.
Construction	Roofing, Side Walls, Partitions, Panels, Valley Gutters, Louvers, False Ceilings, Partition Walls & Ducks, Rolling Shutters, Highway Bumpers, Slotted Angles, Paint-Coated Products.
Electrical Appliances	Air Conditioners, Coolers, Refrigerators, Freezers, Electrical Panels, Decorative Lamps
Furniture & Fixtures	Desks, Lockers, Racks, Lightweight Chairs.
Industry	Ducting, Drums & Barrels, Thermal Cladding, Air Conditioning Ducts, Railway Coaches and Other Applications.
Outdoors	Sign-Boards, Hoardings, Road Signs.
Domestic	Trunks, Ice Boxes, Household Machines, Tubs, Pails, Buckets, Storage Bins, Water Tanks, Washing machines, Bathroom Doors, etc.

PRODUCT SPECIFICATION

Standards/Specifications	IS 277, ASTM A 653, JIS G 3302, EN 10346 and other
Grade	GP, GPH, GC, GPL, GP230-GP550, CS TYPE A, CS TYPE B, SGHC, SGHC340-SGHC540, SGCC, SGCH, DX51D, DX52D and other.
Base Metal	Cold Rolled Steel
Surface Finish (Spangle)	Regular, Minimized & Skin Pass
Surface Treatment	Chromated
Thickness (MM)	0.18 MM-1.60 MM
Coil ID (MM)	508 MM and/or 610 MM
Width (MM)	600 to 1300 MM
Sheet Length (MM)	1000 to 3500 MM
Coil weight (MT)	05-06 MT and/or as per customer requirement
Sheet Weight (MT)	03-3.5 MT and/or as per customer requirement
Hardness (HRB)	55-65 HRB Soft, 85-95 HRB Hard and/or as per customer requirement
YS (MPA)	240-550 MPA and/or as per customer requirement
Zinc Coating (GSM)	80-275 GSM
Winding	Controlled Staggered Winding (± 10 MM)
Packing	Sea-worthy packing, eye-to-horizontal, with and without wooden skid.
Marking	Gaurang Samridhi 80 GSM (ISI)-277 BIS Approved and/or as per customer requirement.
Supply Conditions	In Coil / Strip / Sheet Form with and without Tension Levelled





Gaurang™
URJA
UNICOAT COLOUR COATED COIL

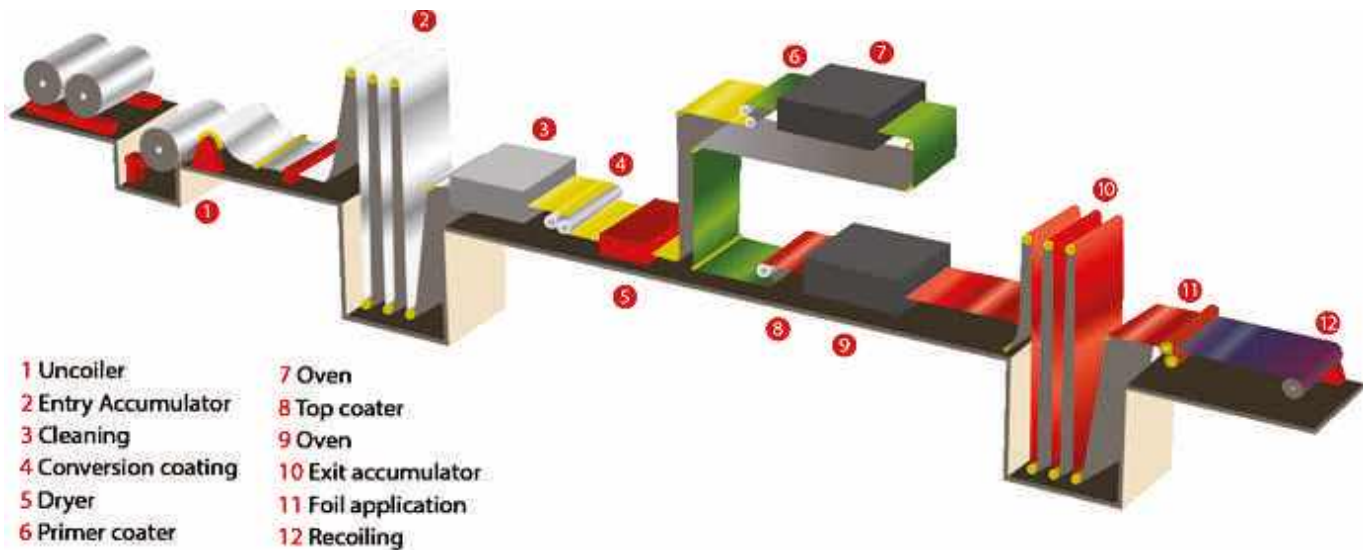


Gaurang®
UNNATI PLUS
PREMIUM COLOUR COATED COIL



COLOUR COATED STEEL COIL & SHEETS

Colour coating is a term used to describe the application of a decorative and/or protective organic coating to steel substrate supplied in coil form. Colour coated steel is also called as pre-painted steel.



BENEFITS OF COLOUR COATED STEEL COIL/SHEET

Colour coatings are paint coatings and are specialty products, which are used to give the steel a long term protection under a broad range of corrosive conditions, extending from atmospheric exposure to full immersion in strongly corrosive solutions. A colour coating provides little strength to the substrate steel, yet it protects the steel so that its strength and integrity can be maintained.

Colour Coated steel has an extra layer of metal, paint, or both to protect it from rust and wear. It is ideal for those who are looking for resistant, aesthetic, light, and cost-effective materials.

Color coated steel has the benefit of being a combination of lightweight and high strength. On top of this, the material is extremely durable. These properties contribute to short construction times and easy handling on the construction site. The material is the perfect choice for renovation and extensions.

When colour coating and galvanized steel are used together, the corrosion control provided is superior to either system used alone. The galvanized coating protects the base steel, supplying cathodic and barrier protection and the colour coating slows down the rate at which the zinc is consumed, greatly extending the life of the galvanized steel. Once the colour coating has been weathered down or damaged, the zinc is available to provide cathodic and barrier protection to avoid rust after the paint peels off. Because of this synergistic effect for a duplex coating, it provides corrosion protection 1.5 to 2.5 times longer than the sum of the lifetimes of zinc and colour coating used individually.

THE VARIOUS ADVANTAGES OF COLOUR COATED STEEL COIL / SHEET

- Excellent corrosion resistance
- Resistance to peeling and flaking
- Aesthetic appeal which allows for architectural creativity
- Excellent formability and design flexibility
- Easy to install
- Maintenance free
- Recyclable and environment friendly
- Lightweight but structurally strongAbility to resist strong winds
- Thermal efficiency



All Weather
Protection



Superior
Strength



Wide
Range
Of Colours



Anti-
Corrosion



The paint of ordinary Colour-Coated Sheets starts fading very quickly and in 1-2 years the roof starts looking dull and old. Gaurang URJA & UNNATI PLUS is Colour-Coated using superior paint technology that prevents cracking and peeling of the paint, ensuring the roof looks new even after a lifetime.

APPLICATIONS

- Industrial/domestic roofing and wall cladding
- Cold storages and ware houses
- False ceiling, interiors venetian blinds
- Air ports, atriums in malls and showrooms
- Guttering
- Fences & walls
- White goods (appliances) such as refrigerators, deep freezers, washing machines etc.
- Electrical control panels
- Roofing tiles
- Drum ends
- Housings & casings
- Industrial furniture & racking
- Office furniture
- Bus bodies, railway coaches and luxury coaches etc.

PRE PAINTED GALVANIZED STEEL COIL (PPGI)

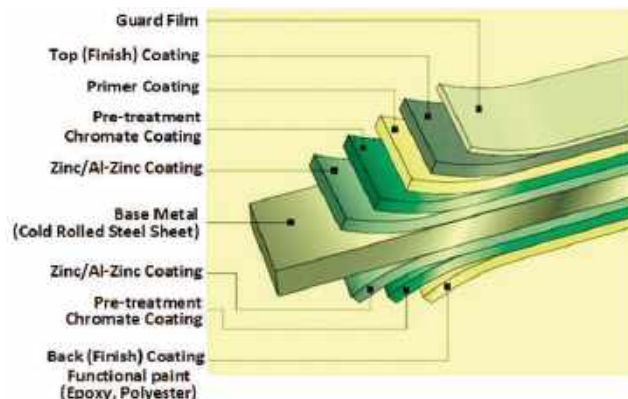
When hot-dip Zinc galvanized steel coil is painted, the duplex system provides more sophisticated manner of corrosion protection. The galvanized coating protects the base steel by providing both cathodic and barrier protection. The paint coating acts as a barrier protection for the hot-dip Zinc galvanized coating and significantly reduces the corrosion rate of the zinc.

PRE PAINTED ALU-ZINC STEEL COIL (PPGL)

Aluzinc is cold rolled galvanized steel coil with metal coating composed of Aluminum (55%), Zinc (43.4%) and Silicon (1.6%). It is formable, weldable and readily accepts paint finishes. Aluzinc coated steel has superior long-term corrosion resistance in most atmospheric conditions. This is achieved through the combination of the sacrificial protection of the zinc and the barrier protection of the aluminum.



PREMIUM 4 COAT PRODUCT

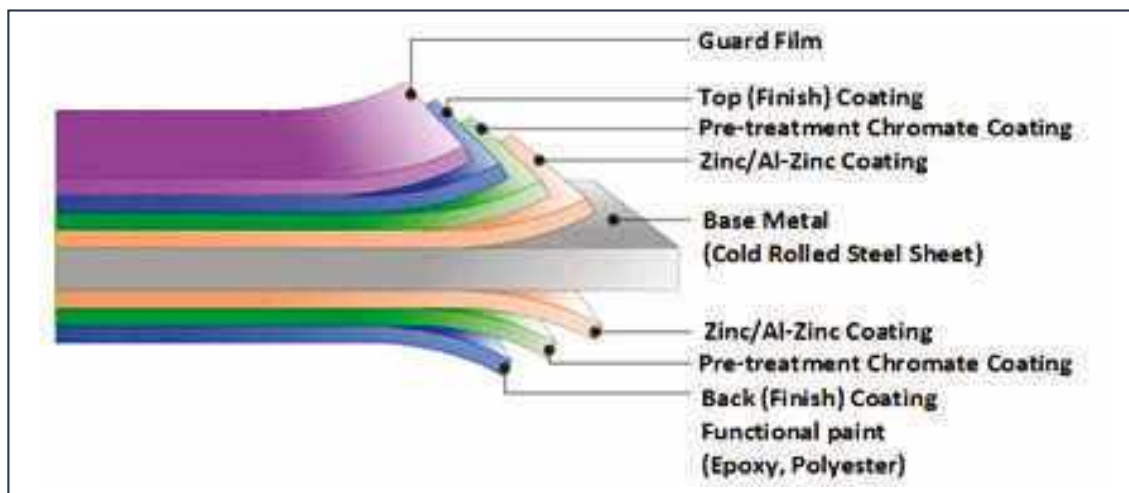


PRODUCT SPECIFICATION

Standards/Specifications	IS 14246, IS 15965, ASTM A755, EN 10169, JIS G 3312, JIS G 3321, AS/NZS 2728 and other.
Classification	Class 1, Class 2, Class 3, Class 4
Base Metal	Cold Rolled and Zinc Galvanized / Aluminium Zinc Alloys
Thickness - TCT (MM)	0.18 MM - 2.0 MM
Coil ID (MM)	508 MM and/or 610 MM
Width (MM)	600 to 1500 MM
Coil Weight (MT)	03-05 MT and/or as per customer requirement
Hardness (HRB)	55-65 HRB SOFT, 85-95 HRB HARD and/or as per customer requirement
YS (MPA)	240-550 MPA and/or as per customer requirement
Zinc/Al-Zinc Coating (GSM)	80-275 GSM
Primer (Micron)	03-07 Micron (Max)
Top Coating (Micron)	10-25 Micron
Back Coating (Micron)	03-10 Micron
Guard Film (Micron)	30-40 Micron
Primer Paint	Polyester, Polyurethane & Epoxy
Top Coat Paint	Regular Modified Polyester (RMP), Silicon Modified Polyester (SMP), Super Durable Polyester (SDP), Poly Vinyl Di Fluoride (PVDF), Polyurethane (PU), Acrylics, Metallics & Plastisol
Back Coat Paint	Epoxy, Polyester & PU
Colours	As per RAL Code / Customer requirements
Surface Finish (Gloss Unit Range)	Matt = 10% (+/-3%), Semi Gloss = 40% - 60% (+/-8%), High Gloss = 80%
Packing	Sea-worthy packing, eye-to-horizontal, with and without wooden skid.
Marking (For PPGI Coil)	Gaurang Unnati Plus 120 GSM (ISI) - 14246 BIS Approved and/or as per customer requirement
Marking (For PPGI Coil)	Gaurang Unnati Plus 120 GSM (ISI) - 15965 BIS Approved and/or as per customer requirement



UNICOAT PRODUCT



PRODUCT SPECIFICATION

Standards/Specifications	IS 14246, IS 15965, ASTM A755, EN 10169, JIS G 3312, JIS G 3321, AS/NZS 2728 and other.
Classification	Class 1, Class 2, Class 3, Class 4
Base Metal	Cold Rolled and Zinc Galvanized/Aluminium Zinc Alloys
Thickness - TCT (MM)	0.18 MM-2.0 MM
Coil ID (MM)	508 MM and/or 610 MM
Width (MM)	600 to 1500 MM
Coil Weight (MT)	03-05 MT and/or as per customer requirement
Hardness (HRB)	55-65 HRB SOFT, 85-95 HRB HARD and/or as per customer requirement
YS (MPA)	240-550 MPA and/or as per customer requirement
Zinc/Al-Zinc Coating (GSM)	80-275 GSM
Top Coating (Micron)	10-25 Micron
Back Coating (Micron)	03-10 Micron
Guard Film (Micron)	30-40 Micron
Top Coat Paint	Regular Modified Polyester (RMP), Silicon Modified Polyester (SMP), Super Durable Polyester (SDP), Poly Vinyl Di Fluoride (PVDF), Polyurethane (PU), Acrylics, Metallics & Plastisol
Back Coat Paint	Epoxy, Polyester & PU
Colours	As per RAL Code / Customer requirements
Surface Finish (Gloss Unit Range)	Matt 10% (+/-3%), Semi Gloss > 40-60% (+/-8%), High Gloss = 80%
Packing	Sea-worthy packing, eye-to-horizontal, with and without wooden skid.
Marking (For PPGI Coil)	Gaurang Urja 80 GSM (ISI)-14246 BIS Approved and/or as per customer requirement
Marking (For PPGI Coil)	Gaurang Urja 80 GSM (151)-15965 BIS Approved and/or as per customer requirement

COLOUR RANGE



RAL 5012 (LIGHT BLUE)



RAL 9002 (GREY WHITE)



RAL 6002 (LEAF GREEN)



RAL 6016 (TURQUOISE GREEN)



RAL 1001 (BEIGE)



RAL 7016 (ANTHRACITE GREY)



RAL 9003 (SIGNAL WHITE)



RAL 9005 (JET BLACK)



RAL 7035 (LIGHT GREY)



RAL 2004 (PURE ORANGE)

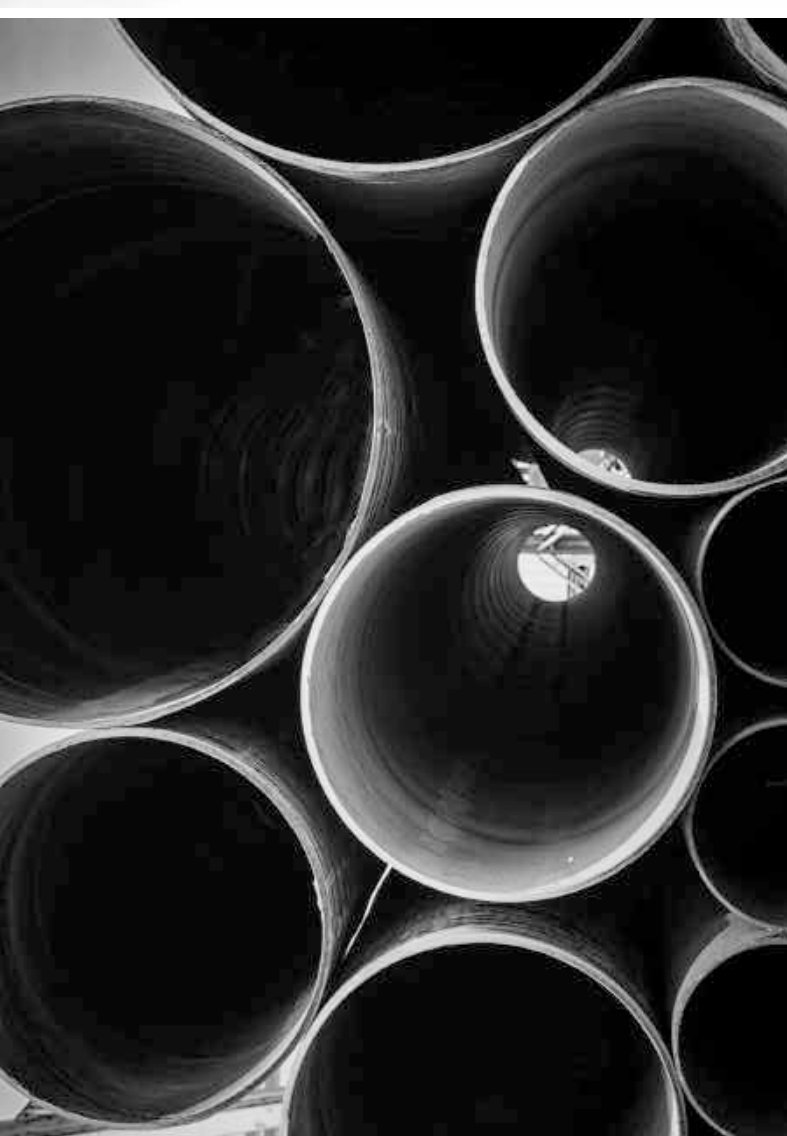
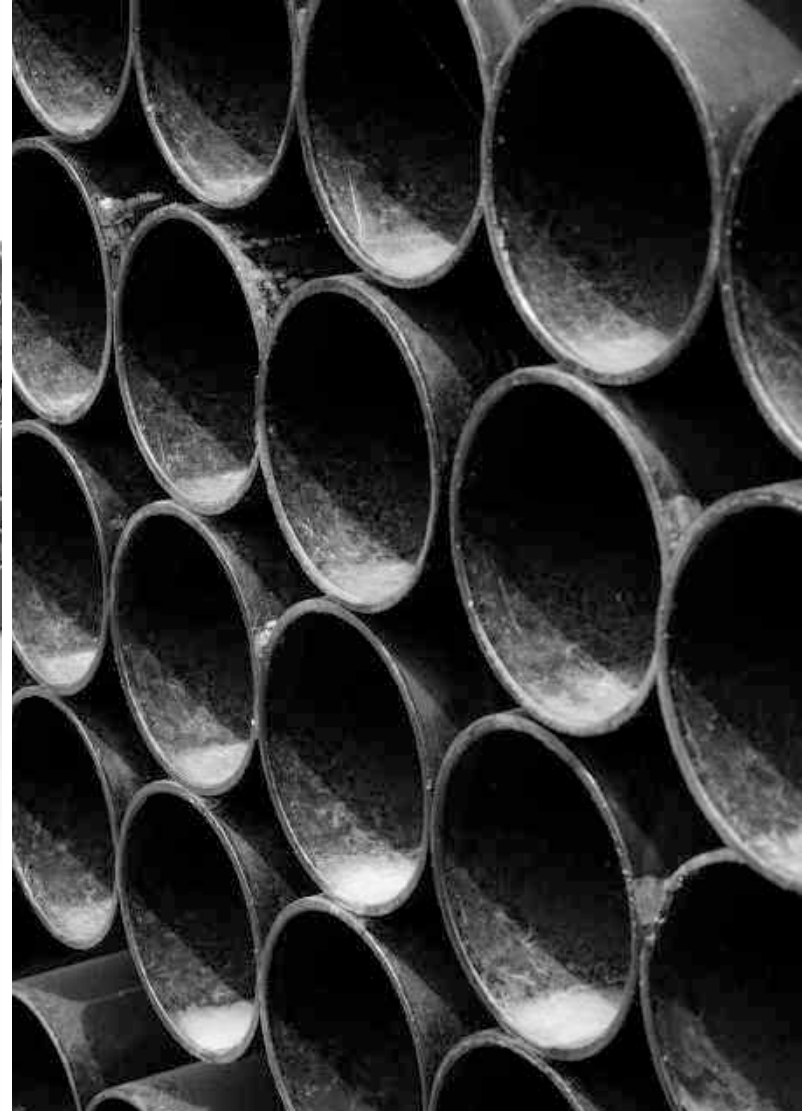


RAL 3020 (TRAFFIC RED) (SECO RED)

(PRIMER PAINT: POLYURETHANE, POLYESTER & EPOXY)

SPECIAL NOTE

We can also develop other colour shades from our paint supplier as per customer requirements.



ERW STEEL PIPES

Gaurang is the manufacturer of high quality ERW Mild Steel Round Pipe (Large Diameter & Small Diameter), ERW Mild Steel Hollow Section (Square & Rectangular), Precision Pipes and Pre-Galvanized Pipe (GP Pipe). Pipe ranges are as follow:

Steel Pipes for Water and Sewage Purposes Conforming to IS 3589:2001

N.B. Size (MM)	Outside Diameter (MM)	Wall Thickness (MM)	Weight (Plain End)	
			(Kg/Meter)	(Kg/MT)
150	168.3	2.6	10.6	94
		3.2	13.0	77
		4.0	16.2	62
		4.5	18.2	55
200	219.1	2.6	13.9	72
		3.6	19.1	52
		4.5	23.8	42
		6.3	33.1	30
250	273	3.6	23.9	42
		4.0	26.5	38
		5.0	33.0	30
		6.3	41.4	24
300	323.9	4.0	31.6	32
		4.5	35.4	28
		5.6	44.0	23
		7.1	55.5	18
350	355.6	4.0	34.7	29
		5.0	43.2	23
		5.6	48.3	21
		8.0	68.6	15
400	406.4	4.0	39.7	25
		5.0	49.5	20
		6.3	62.2	16
		8.8	86.3	12

Physical Properties

Grade	Y.S. (MPa) (Min)	T.S. (MPa) (Min)	Elongation Percent (Min)
FE 330	195	330	20
FE 410	235	410	18
FE 450	275	450	15

TOLERANCES

- Outside diameter : $\pm 0.75\%$
- Thickness : $\pm 10\%$
- Unless otherwise specified, Standard Length are 06 Meter with Length Tolerance : (-0.0 mm / + 50 mm) and/or as per Buyer requirement.
- Single Tube Weight : ($\pm 7.5\%$)

Steel Tubes used for Water Wells (Casing Pipes) Conforming to IS 4270 : 2001

N.B. Size (MM)	Outside Diameter (MM)	Wall Thickness (MM)	Weight (Plain End)	
			(Kg/Meter)	(Kg/MT)
100	114.3	5.0	13.48	74
125	141.3	5.0	16.80	60
150	168.3	5.0	20.13	50
175	193.7	5.4	25.10	40
200	219.1	5.4	28.46	35
225	244.5	6.0	35.29	28
250	273.1	7.1	46.57	21
300	323.9	7.1	55.47	18
350	355.6	8.0	68.57	15
		10.0	85.22	12
		12.0	101.67	10
400	406.4	8.0	78.60	13
		10.0	97.75	10
		12.0	116.71	9

Physical Properties

Grade	Y.S. (MPa) (Min)	T.S. (MPa) (Min)	Elongation Percent (Min)
FE 410	235	410	15
FE 450	275	450	13

TOLERANCES

- Outside diameter : $\pm 1\%$
- Thickness : (-12.5% / +15%)
- Unless otherwise specified, Standard Length are 06 Meter with Length Tolerance : (-0.0 mm / + 50 mm) and/or as per Buyer requirement.
- Single Tube Weight : (-8% / +10%)

STEEL TUBES USE FOR STRUCTURAL PURPOSE CONFIRMING TO IS - 4923/1997

SQUARE HOLLOW SECTION

Size (In mm) H X B	Thickness (In mm)	Weight Kg/Mtr
113.50 X 113.50	4.50	14.99
113.50 X 113.50	4.80	15.92
113.50 X 113.50	5.40	17.74
120 X 120	8.00	28.01
132 X 132	4.80	18.71
132 X 132	5.40	20.88
135 X 135	4.80	19.79
135 X 135	5.40	22.17
150 X 150	4.00	18.01
150 X 150	5.00	22.26
150 X 150	6.00	26.40
150 X 150	7.00	30.44
150 X 150	8.00	34.38
180 X 180	4.00	21.78
180 X 180	5.00	26.97
180 X 180	6.00	32.05
180 X 180	7.00	37.03
180 X 180	8.00	41.91
220 X 220	4.00	26.61
220 X 220	5.00	33.25
220 X 220	6.00	39.59
220 X 220	7.00	45.83
220 X 220	8.00	51.96
250 X 250	4.00	30.57
250 X 250	5.00	37.96
250 X 250	6.00	45.24
250 X 250	7.00	52.42
250 X 250	8.00	59.50

RECTANGULAR HOLLOW SECTIONS

Size (In mm) H X B	Thickness (In mm)	Weight Kg/Mtr
80 X 40	2.90	5.03
80 X 40	3.20	5.50
80 X 40	4.00	6.71
96 X 48	3.20	6.71
96 X 48	4.00	8.22
96 X 48	4.80	9.66
100 X 50	5.00	10.91
122 X 61	3.60	9.67
122 X 61	4.50	11.88
122 X 61	5.40	14.01
145 X 82	4.80	15.92
145 X 82	5.40	17.74
172 X 92	4.80	18.71
172 X 92	5.40	20.88
200 X 100	8.00	35.51
240 X 120	8.00	42.71

PHYSICAL PROPERTIES

GRADE	T.S. Min. MPA	Y.S. Min. MPA	Elongation % min for Sizes	
			25.4 mm & Under	Over 25.4 mm
YST - 210	330	210	12	20
YST - 240	410	240	10	15
YST - 310	450	310	8	10

TOLERANCES

THE FOLLOWING TOLERANCES SHALL BE PERMITTED ON HOLLOW SECTION

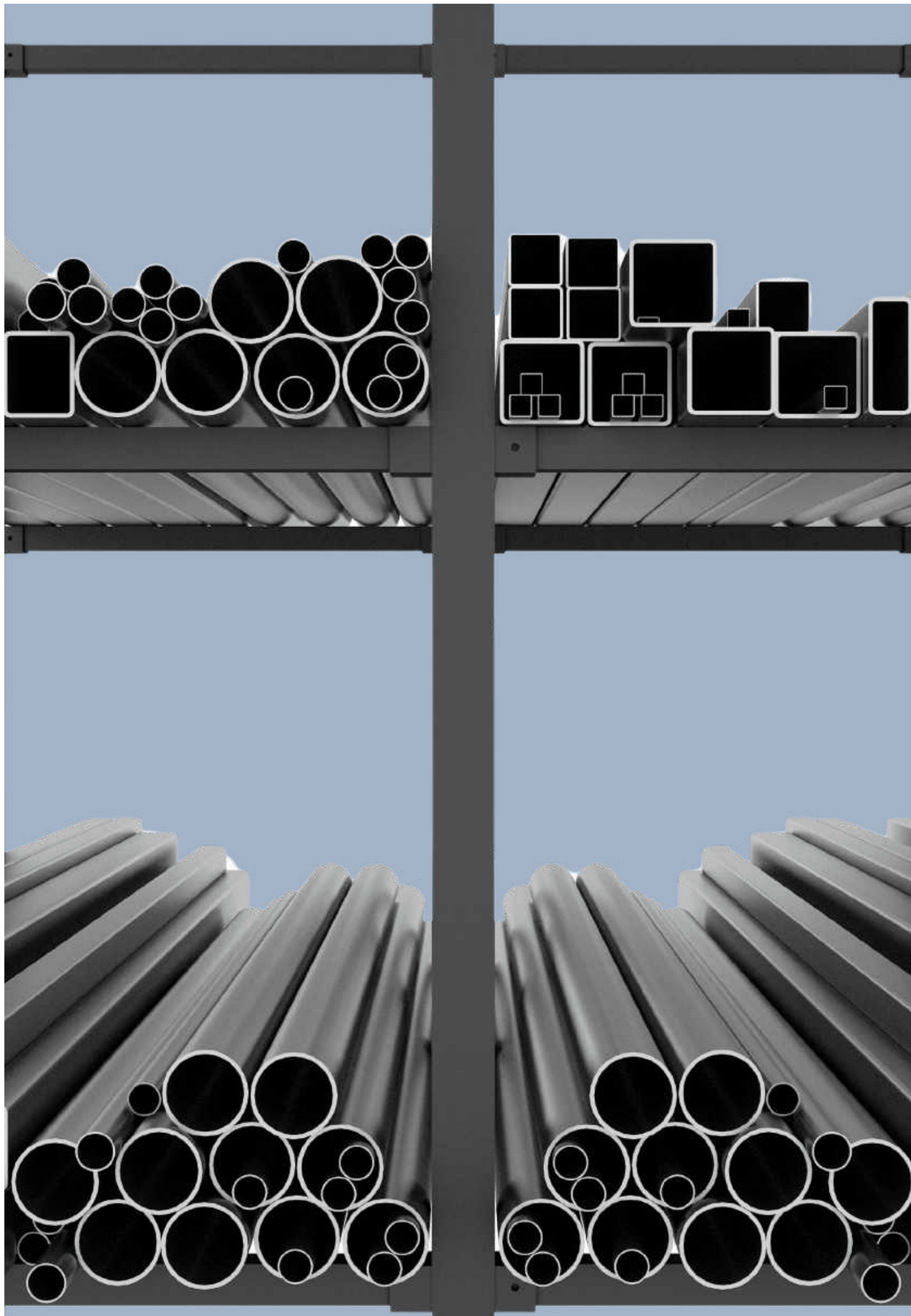
- Thickness : $\pm 10\%$
- Outside Dimension of Sides : $\pm 1\%$
- Weight :
 - On individual lengths : $+ 10\%$, -8%
 - On lot of 10 tones : $\pm 7.5\%$
- Squareness of Corner : $90^\circ \pm 02^\circ$
- Radius of Corner outside $R = 3T$ Max, where T is the thickness of the section.



OUR CLIENTS

Gaurang Steel takes pride in serving a prestigious clientele across the petroleum, electricity, and infrastructure sectors. Our clients include top oil and gas corporations, power generation companies, transmission firms, construction companies, and engineering firms. They trust us for our commitment to quality, reliability, and innovation, knowing that our steel products are integral to their critical operations and large-scale projects. We value these partnerships and strive to exceed our clients' expectations, building long-term relationships based on mutual trust and collaboration.





AST BRANDS

We also manufacture ERW Steel Pipes under the brand name AST



AST BRAND PIPES RANGES ARE AS FOLLOW:

- ERW MS ROUND PIPE OD: 21.3 MM-406.4 MM (1/2-INCH to 16-INCH)
- ERW MS HOLLOW SECTION: 25 MM X 25 MM-250 MM X 250 MM
- PRECISION PIPES & SPECIAL OD PIPES - OD (MM) 15.88 MM, 17.20 MM, 18.50 MM, 19.05 MM, 22.23 MM, 25.4 MM, 28.58 MM, 30.4 MM, 31.75 MM, 38.1 MM, 40.0 MM, 41.3 MM, 44.5 MM, 50.8 MM, 57.15 MM, 63.5 MM, 70 MM, 73 MM, 94 MM, 108 MM, 127 MM, 133 MM, 152.4 MM, 30 MM X 20 MM, 38 MM X 38 MM, 91.5 MM X 91.5 MM, 113 MM X 113 MM, 135 MM X 135 MM and so many various sizes.
- PRE-GALVANIZED PIPE (GP PIPE) - OD (MM): 21.3 MM-88.9 MM (1/2-INCH to 3-INCH)
Thickness range: 0.60 MM-8.00 MM
Other OD and Thickness are as per Customer requirement.



For more details about AST Brand Pipes, please visit the Website: www.astpipes.in



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