

Hot Rolled Products:

1. Agricultural Product:

Steel plays a vital role in advancing the agricultural sector, driving productivity and innovation across farming operations. Our high-strength, durable, and corrosion-resistant steel is expertly crafted to meet the rigorous demands of agricultural equipment and infrastructure. From tractors, plows, harrows, and harvesters to grain silos, storage buildings, and fencing, our steel ensures long-lasting performance and reliability.

Why Choose Our Agricultural Steel?

Unmatched Strength & Durability: Engineered to withstand tough farming conditions and heavy use.

Corrosion Resistance: Protects your equipment and structures from the elements, extending their lifespan.

Versatility: Ideal for a wide range of applications, from machinery components to structural frameworks.

Sustainability: Manufactured with eco-friendly processes, supporting sustainable farming practices.

We highly recommend SAE15B41 as the ultimate steel grade for all your industrial chain requirements. Alongside 28MnB5, B26 and B44, these grades represent the pinnacle of strength and performance in agricultural steel.

Agricultural Grades

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	-	-	-	28MnB5 / 30MnB5-	5 X 900	6 X 1250	5mm & above	205 MIN	380-515	-	-	-
-	-	-	-	B44	6 X 900	8 X 1250	6mm & above	220 MIN	415-550	-	-	-
-	-	-	-	SAE 15B41	4 X 900	8 X 1250	4mm & above	260 MIN	485-620	-	-	-
-	-	-	-	B26	6 X 900	8 X 1250	6mm & above	-	-	-	-	-

2. Automotive:

At the core of India's dynamic automotive sector is our unwavering commitment to supporting Tier II Auto customers and auto ancillary units across every region. We offer a comprehensive range of premium steel products tailored to meet the demanding requirements of automotive manufacturing.

Our Product Range Includes:

High-Quality Forming Grades: Engineered for precision and reliability in complex automotive components.

Robust High Strength Low Alloy (HSLA) Materials: Delivering superior strength-to-weight ratios for enhanced vehicle performance.

Dependable Chassis Grades: Providing durability and safety for critical structural applications.

We also specialize in case hardening steels—advanced steel variants produced through precise processes such as carburizing, hardening, and tempering. These steels are essential in the automotive industry due to their enhanced strength and toughness, superior wear resistance, improved fatigue properties and increased corrosion resistance.

Popular steel grades in this category include 50 CrV4, EN19, EN24, 16MnCr5, and SCM435, SCM415, each designed to meet the rigorous demands of automotive components that require exceptional durability and performance.

Minimum thk to Maximum capability

HCV, MCV, LCV – Chassis components, structural members, wheels, clutch parts:

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
IS-1079 Hr0/HRR1/HR2/HR3/HR4	-	JIS G 3113 SAPH310	-	-	2.0 × 900	2.80 × 1250	2 mm & above	-	400 MAX	29 MIN	1t	-
IS-5986 ISH290S/330S	-	-	-	-	2.0 × 900	2.80 × 1250	2 mm & above	205 MIN	330 - 440	28 MIN	1t	-
IS-5986 ISH360S/410S	-	ASIM A283 GR C/D	ASIM A283 GR C/D	-	2.0 × 900	2.80 × 1250	2 mm & above	230 MIN	415 MIN	25 MIN	1t	-
-	-	-	-	E-34	2.5 × 900	3.80 × 1250	2.5 mm & above	334 - 412	393 - 490	27 MIN	0.5t	-
-	-	-	-	E-38	2.5 × 900	5.00 × 1250	2.5mm & Above	373 - 461	442 - 559	25 MIN	0.5t	-
IS-5986 ISH490S	-	-	-	E-42/E-46/BSK-46	3.0 × 900	6.00 × 1250	3 mm & above	450 - 530	490 - 610	21 MIN	1t	-

Alloy Steel Grades

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	EN19	-	SAE 4140	GOST 30X TCA	3.5 × 900	5.0 × 1250	3.5 mm & above	-	-	-	-	-
-	-	-	-	50 Cr V4 (M)	3.5 × 900	5.0 × 1250	3.5 mm & above	-	-	-	-	-
-	-	-	ASIM A283 GR C/D	24CR Mo4/42CR Mo4	3.5 × 900	5.0 × 1250	3.5 mm & above	-	-	-	-	-
-	EN24	-	-	15Cr3/15Cr Mob6	4.0 × 900	6.0 × 1250	4.0 mm & above	-	-	-	-	-
-	-	-	-	555I7	5.0 × 900	6.0 × 1250	5.0 mm & above	-	-	-	-	-

Alloy Steel Grades

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	-	-	-	16MnCr5	3.5 × 900	6.0 × 1250	3.5 mm & above	-	-	-	-	-
-	-	-	-	20MnCr5	4 × 900	6.0 × 1250	4.0 mm & above	-	-	-	-	-
-	En18 / EN18D	-	-	-	6.0 × 900	8.0 × 1250	6.0 mm & above	-	-	-	-	-
-	-	-	-	SCM415/SCM 435	4.0 × 900	4.0 × 900	4.0 mm & above	-	-	-	-	-

Carbon Steel Grades: Chain sprockets, wheel rim hubs, cutting tools, Springs, industrial blades/saws and for cold rolling applications.

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
30C8/c-30	-	-	SAE-1030	-	2.5 x 900	4.0 x 1250	2.50 mm & above	-	-	-	-	-
C-35	-	-	SAE-1035	-	2.5 x 900	4.0 x 1250	2.50 mm & above	-	-	-	-	-
C-40	En6	-	SAE-1040	-	2.5 x 900	4.0 x 1250	2.50 mm & above	-	-	-	-	-
C-45	-	-	SAE1045	Mc11	2.5 x 900	4.0 x 1250	2.50 mm & above	55% of UTS	630-710	15 MIN	-	-
C-50	-	-	SAE1050	-	2.7 x 900	5.0 x 1250	2.70 mm & above	-	-	-	-	-
C-55	En8	-	SAE-1055	Mc12	2.7 x 900	5.0 x 1250	2.70 mm & above	-	-	-	-	-
C-60	-	-	SAE 1060	-	2.7 x 900	5.0 x 1250	2.70 mm & above	-	-	-	-	-
C-62/C-65	-	-	SAE 1065	-	2.7 x 900	6.0 x 1250	2.70 mm & above	-	-	-	-	-
C-70	-	-	SAE 1070	-	3.0 x 900	6.0 x 1250	3.00 mm & above	-	-	-	-	-
C-75	-	-	SAE 1075	-	3.5 x 900	6.0 x 1250	3.50 mm & above	-	-	-	-	-
C-80	-	-	SAE 1080	-	3.5 x 900	10.0 x 1250	3.50 mm & above	-	-	-	-	-
C-85	-	-	SAE 1085	-	4.0 x 900	10.0 x 1250	4.0 mm & above	-	-	-	-	-

3. General Engineering:

We have the perfect solution for your engineering and fabrication needs with our range of versatile materials. Our products are designed for pre-engineering building applications, such as dozers, forklifts, dumpers, excavators, etc.

Our high-performance steel materials boast superior toughness, weldability, and abrasion resistance, ideal for components like crushers, conveyors, cranes, and other heavy-duty machinery. Furthermore, our offerings come in various grades – IS2062 E250A/BR/BO/C, E350A/BR/BO/C, E410A/BR/BO/C, E450A/BR, and IS3502 (CHQ) – to cater to diverse requirements. Elevate the quality of your projects with our cutting-edge industrial solutions that ensure durability, efficiency, and unparalleled performance.

BIS	EN	JIS	ASTM	Minimum thk to Maximum Other capability		Thickness range
IS 2062 E 350 A/BR/BO	EN 10025 S 355 JR	-	ASTM 572 Gr 50	2.5/900	4/1250	2.5 & Above
IS 2062 E 350 /C	EN 10025 S 355 J2	-	-	2.5/900	4/1250	2.5 & Above
IS 2062 E 450 A/BR	-	-	-	2.5/900	6/1250	2.5 & Above
IS 2062 E 250 A/B	EN 10025 S 275 JO	JIS G 3101 SS 400	ASTM A 36	2.5/900	2.9/1250	2.5 & Above
IS 2062 E 250 C	EN 10025 S 275 J2	JIS G 3106 SSM 400C	ASTM A 36	4.0/900	4/1250	2.5 & Above
IS 2062 E 250 C- Cu	-	-	ASTM A 36 CU	4.0/900	4/1250	5 & Above

Dozers, fork lifts, dumpers, excavators, crushers, conveyors,
Cranes, wagon tippers, reclaimers, liner plates, bins, chutes, hoppers

High strength with superior toughness, weldability and abrasion resistance

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	-	Evonith Hard	-	-	5 × 900	5 × 1250	5 & above	-	-	-	-	-
IS-2062 E350 A/BR/BO/C	En10025 S355 J0/JR/J2	JIS G3101 SS490	ASTM572 GR50 TYPE1/2/3/5	DIN 17100 St-52.3	2.5 × 900	4 × 1250	2.5 mm & above	350 MIN	490 MIN	22 MIN	2t	-
IS-2062 E450 A/BR	En10025 S460N	JIS G3101 SS540	ASTM572 GR.60/65	DIN 17100 St-60.2	6.0 × 900	6 × 1250	6.0 mm & above	450 MIN	570 MIN	20 MIN	3t	-

Railway & Wagons:

Evonith steel products deliver the enduring strength and reliability that railways and wagons demand. Our cutting-edge, corrosion-resistant steel stands at the forefront of metallurgical innovation, setting a new standard for railway wagon construction. Designed to withstand the harshest environmental conditions, these steels feature a sophisticated alloy blend of chromium, nickel, copper, and phosphorous—ensuring exceptional resilience and longevity. Evonith Steel’s state-of-the-art product range includes globally recognized and industry-preferred grades like Corten A/B (IRSM41-97), EN10025 S355J2W, ASTM A588 A/B. These grades are trusted for their performance in railway wagons, bridges, and other structures exposed to the elements for Indian Railways.

ATMOSPHERIC CORROSION RESISTANT STEEL FOR STRUCTURAL AND HEAT EXCHANGERS



BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
A/BR/BO/C-CU	EN 10025 5355/2W	JISG3114 SMA490BW	ASTM A588 GRA/B	-	2 × 900	6.0 × 1250	2.5 mm & above	355 MIN	490 MIN	22 MIN	-	-
IS2062E250 A/BR/C-Cu	-	JISG3125 SPA-H	ASTM A606	IRSM41-97/ CORTEN-A	2.5 × 900	3.15 × 1250	2.5 mm & above	345 MIN	485 MIN	22 MIN	1t	-

Chequered Coils and Sheets

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
IS-3502	-	-	ASTM A786	-	5.0 × 900	5 × 1250	5 mm & above	250 MIN	410 MIN	23 MIN	2t	-

Pressure Vessels:

Discover our innovative range of alloy steel products, meticulously engineered to meet the most demanding pressure and temperature requirements. Our high-performance pressure vessels are recognized as some of the most robust and resilient tanks available, expertly crafted to withstand extreme pressures and deliver lasting reliability. For applications involving moderate pressures and temperatures, our specialized steels offer unmatched resilience and adaptability. Designed to safely contain gases and liquids under varying operational conditions, these materials are trusted across diverse industries for their lasting performance.

BOILERS & PRESSURE VESSELS

Super critical high temperature & pressure applications

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	-	-	SA-387 Gr. 11 Class 1/2	-	4 X 900	4.5 X 1250	4 mm & above	310 MIN	515-690	22 min	-	-
-	-	-	SA-387 Gr. 12 Class 1/2	-	4 X 900	4.5 X 1250	4 mm & above	275 MIN	250-585	22 min	-	-
-	-	-	SA-387 Gr.22 Class 1/2	-	4 X 900	5 X 1250	4 mm & above	310 MIN	515-690	18min	-	-
-	-	-	-	15 MO3 / 16 MO3	3.5 X 900	5 X 1250	3.5 mm & above	275 MIN	485-590	23 MIN	-	-
-	-	-	ASTM A285 GR A/B/C	-	2 X 900	3.15 X 1250	2 mm & above	205 MIN	380-515	27 MIN	-	-
-	-	-	ASTM A204 GR A/B	-	4 X 900	5 X 1250	4 mm & above	275 MIN	485-620	21 MIN	-	-

Moderate temperature & pressure applications

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
-	-	-	ASTM A-516 GR. 55	-	2 X 900	3.15 X 1250	2 mm & above	205 MIN	380-515	27 MIN	-	-
IS-2041 R220	-	-	ASTM A-516 GR. 60	-	3 X 900	3.50 X 1250	3 mm & above	220 MIN	415-550	25 min	-	As per capability
IS-2041 R260	-	-	ASTM A-516 GR. 70	-	3 X 900	5.0 X 1250	3 mm & above	260 MIN	485-620	21min	-	-

Intermediate & high temperature & pressure applications

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
IS-2002 GR. I	-	-	ASTM A-516 GR. 55	-	3 X 900	5.0 X 1250	3 mm & above	235 MIN	360-480	24 MIN	3t	As per standards
IS-2002 GR. II	-	-	ASTM A-516 GR. 60	-	3 X 900	5.0 X 1250	3 mm & above	265 MIN	410-523	22 MIN	3t	As per standards
-	-	-	ASTM A-515 GR. 60	-	3 X 900	5.0 X 1250	3 mm & above	220 MIN	415-550	25 MIN	-	-
-	-	-	ASTM A-515 GR. 70	-	3 X 900	5.0 X 1250	3 mm & above	260 MIN	485-620	21 MIN	-	-

Low & intermediate temperature & pressure applications

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
IS-3502	-	-	ASTM A285 GR A/B/C	-	2 X 900	3.15 X 1250	2 mm & above	205 MIN	380-515	27 MIN	-	-

LINE PIPES

For oil and gas transportation



BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Impact
IS-10748-1	-	JIS G3132 SPHT 1	-	-	2.0 x 900	2.80 x 1250	2.0 mm & above	170 MIN	290 MIN	30 MIN	2t	-
IS-10748-11	-	JIS G3132 SPHT 2	-	-	2.5 x 900	3.00 x 1250	2.5 mm & above	210 MIN	330 MIN	28 MIN	2t	-
IS-10748-III1	En6	JIS G3132 SPHT 3	-	-	3.0 x 900	5.0 x 1250	3.0 mm & above	240 MIN	410 MIN	25 MIN	2t	-
IS-10748-IV	-	-	-	-	3.0 x 900	5.0 x 1250	3.0 mm & above	275 MIN	430 MIN	20 MIN	3t	-
IS-10748-V	-	-	-	-	3.0 x 900	6.0 x 1250	3.0 mm & above	310 MIN	490 MIN	15 MIN	3t	-
API 5L GR.B	En8	-	-	-	4.0 x 900	6.0 x 1250	4.0 mm & above	241-448	414-758	28 MIN	2t	-
API 5L X-42	-	-	-	-	4.0 x 900	6.0 x 1250	4.0 mm & above	241-448	414-758	28 MIN	2t	As per standards
API 5L X-46	-	-	-	-	4.0 x 900	6.0 x 1250	4.0 mm & above	317-524	434-758	28 MIN	2t	-
API 5L X-52	-	-	-	-	5.0 x 900	6.0 x 1250	5.0 mm & above	359-531	455-758	25 MIN	2t	-
API 5L X-56	-	-	-	-	5.0 x 900	6.0 x 1250	5.0 mm & above	386-544	490-758	25 MIN	2t	-
API 5L X-60	-	-	-	-	5.0 x 900	6.0 x 1250	5.0 mm & above	414-565	517-758	25 MIN	2t	-
API 5L X-65	-	-	-	-	5.0 x 900	8.0 x 1250	5.0 mm & above	448-600	531-758	22 MIN	2t	-
API 5L X-70	-	-	-	-	5.0 x 900	8.0 x 1250	5.0 mm & above	483-621	565-758	22 MIN	2t	-

LPG CYLINDER GRADES



BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Hardness
-	-	JISG3125 SPA-C	ASTM A606	IRSM41-97/ CORTEN-A	0.60 x 900	1.0 X 1250	0.60 to 2.50 mm	345 MPA min	485 MPA min	22 MIN	Close	-

Cold Rolled Products:

1. Packing Industry Steel:

Evonith Steel is the ultimate packaging partner, offering a brilliant range of strapping solutions in India! Our top-notch C10, C20, C30, and C50 segment products are highly preferred across major industries like steel mills, jute, clothing, white goods, and metal. With our impressive slit range spanning 150mm to 500mm, you can rely on us for all your bespoke strapping needs.

2. Marine Containers | Coach Building | ESP Application:

Evonith Steel offers top-notch Corten CRCA materials, perfect for crafting sturdy marine containers, sleek coach exteriors, and efficient ESP applications. Boasting impressive thickness levels (0.60-3 mm) and vast width options (900-1250 mm), our products exceed industry expectations. Try Corten A and JIS G3135 SPAC for unmatched durability and performance.

EVSL CRCA MILL CAPABILITY

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Hardness
-	-	JISG3125 SPA-C	ASTM A606	IRSM41-97/ CORTEN-A	0.60 x 900	1.0 X 1250	0.60 to 2.50 mm	345 MPA min	485 MPA min	22 MIN	Close	-

EVSL CRFH MILL CAPABILITY

BIS	EN	JIS	ASTM	Other	Minimum thk to Maximum Other capability		Thickness range	YS	UTS	EL	Bend	Hardness
-	-	-	-	SAE -1008/1010	0.38 X 900	1.50 X 1250 for all	0.38 to 1.50mm 0.58 to 1.50mm 0.58 to 1.50mm 0.58 to 1.50mm 0.58 to 1.50mm 1.12 to 1.50mm	345 MPA min	485 MPA min	-	-	85 HRb min
-	-	-	-	C20	0.59 x 900			345 MPA min	485 MPA min	-	-	85 HRb min
-	-	-	-	C30	0.58 X 900			345 MPA min	485 MPA min	-	-	85 HRb min
-	-	-	-	C40	0.58 X 900			345 MPA min	485 MPA min	-	-	85 HRb min
-	-	-	-	Mc11	0.58 X 900			345 MPA min	485 MPA min	-	-	85 HRb min
-	-	-	-	C50	1.12 X 900			345 MPA min	485 MPA min	-	-	85 HRb min

Galvanised Products:

1. Evonith Steel's Mounting Base for Solar Panels

GP Coils from EVSL provide crucial advantages for the solar industry. Hot-dipped galvanized steel is corrosion and damage-resistant, allowing long-term cost savings to be achieved due to its low maintenance requirements. Through eco-friendly production methods with low maintenance and minimal wear over time, users experience long-term cost savings for mounting base applications up to 1.60mm in thickness, boasting zinc coating of 120-275 GSM as required by OEMs or distributors supplying SMEs across the globe. Try Evonith Steel's solar panel mounting pages for enhanced corrosion, durability and damage resistance to the solar industry.

2. Evonith Steel's Clean Room Building for Pharma and Medical Industries

Providing the perfect work environment, GI sheets are ideal for cleanroom spaces that demand excellence in quality. With a thickness range from 0.5 to 0.8 mm and zero/mini spangle qualities, our product is perfectly tailored towards highly specialized industries such as pharmaceuticals, electronics and medical equipment industry – giving you assurance with every project. Try our dead area wall cladding panels that provide optimum protection to meet industry standards while remaining cost-effective during construction or refurbishment projects.

3. Evonith Steel's General Engineering Steel

Evonith Steel is a world of versatility and innovation with our outstanding steel products that seamlessly blend with general engineering applications. From robust fabrication structures and sleek false ceiling channels to practical buckets and multipurpose containers, our meticulously crafted general engineering steel solutions cater to a diverse range of industries and requirements. Our exceptional GP thickness range of 0.25 to 1.6 mm, complemented by a zinc coating of 80 to 100 GSM, exemplifies our commitment to quality and performance. In fact, we have proudly established ourselves as the leading steel provider in Central India and parts of Maharashtra, offering a comprehensive range of solutions tailored to various industries and individual needs.

4. Evonith Steel's Decking for Building and Construction

Our premium galvanized steel is designed to enhance the durability and longevity of your infrastructure by providing unbeatable protection against corrosion and rusting. Our pre-engineered buildings minimize your maintenance costs, while the high-grade steel plates conform to ASTM A653M Grade 345 Type 1 standards, boasting a minimum Yield Strength of 345 MPA.

Our galvanized steel for the decking and metal industry provides superior performance to contribute to strong, composite concrete floor slabs. We are experts in manufacturing the structural feature used for rooftop insulation support as well as providing GP coils with a thickness of 0.60-1mm zinc coated from 150 -200 GSM which caters to every major PEB manufacturer within India's borders.

5. Evonith Steel's Cutting-Edge Grain Storage Solutions

Meet the future of agricultural efficiency with Evonith Steel's cutting-edge GP coils, specifically engineered for grain storage silos. Our adaptable coil technology boasts impressive yield strengths ranging from 345 to 550 MPA, ensuring optimal storage capacity for both large-scale and industrial applications. Test our durability and stability to securely store massive amounts of precious grains.

6. Evonith Steel's Racking for Storages & Warehousing

Our durable and reliable steel racking solutions are perfect for an array of storage needs. From single to two-post racks, shelves, pallets and cable trays – our galvanized sheets come in customizable thicknesses up to 1.6 mm with zinc coating from 80–180 GSM depending on your requirements. With us, you'll always have the perfect fit! Try Evonith Steel's durable steel racking solutions to provide the most efficient storage and warehousing for a variety of industries.

Common Specification:

Segment	Grade Width (mm)	Thickness (mm)	Width (mm)	Coating (GSM)
Full Hard	IS 277 : GPH	0.20 - 0.39	900 - 1000	80 - 180
		0.40 - 0.60		80 - 180
Ordinary (Soft)	IS 277 : GP 'O', GP 275 ASTM A 653 CS TYPE B, SS Gr 40, EN 10346 DX 51 D S280 GD	0.25 - 0.34	900 - 1000	80 - 120
		0.35 - 0.49	900 - 1250	80 - 120
		0.50 - 1.20	900 - 1250 1200	80-200
		1.21 - 1.60		80-200
Structural	IS 277 GP 300, GP 350 CI 1 & 2, ASTM A 653 SS Gr 50, En10346 S320 GD, S350 GD	0.60 - 1.20	900 - 1250 1220	80-200
		1.21 - 1.60		80-200

*Intermediate & high temperature & pressure applications

*Slit coils available from 15 mm to 899 mm width