

MILD STEEL PLATES

Utsav Steels offers a **comprehensive range of high-quality mild steel plates** designed to **meet diverse industrial requirements**.

Our product line includes:

- **General Mild Steel Plates (IS 2062: 2011 E-250)**
- **High Tensile Strength Plates (IS 2062: 2011 E-350,410,450)**
- **Special Quality Steel Plates: (SAILHARD / TISCRA)**
- **Boiler Quality Plates (IS 2002: 2009 Gr. 2, ASTM A 516 Gr. 70)**
- **Chequered Plates (IS 3502: 2009)**
- **Other Quality Plates (RockHard, IRS M-41)**

Whether you need **standard or specialized plates**, we **ensure quality and reliability** in every product we supply.

Product Name: INDUSTRIAL STEEL PLATES

Category: Mild Steel

Shape: Rectangular

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 03 Metric Tonne



HSN CODE: 7208

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



1. GENERAL MILD STEEL PLATES

MAKE: SAIL / TATA / JINDAL

IS 2062: 2011 E - 250

Grade: A, BR, B0, C

Sizes available:

Thickness: 6 mm to 150 mm

Width: 1250 mm to 2500 mm

Length: 6300 mm to 12500mm

CHEMICAL COMPOSITION							
Quality		Ladle Ananlysis, Wt % Max					CE max
		C	Mn	S	P	Si	
E - 250	A	0.23	1.50	0.045	0.045	0.40	0.42
	BR, B0	0.22	1.50	0.045	0.045	0.40	0.41
	C	0.20	1.50	0.040	0.040	0.40	0.39

MECHANICAL PROPERTIES						
Quality		Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<= 20	20-40	>40	
E - 250	A,BR,B0,C	410	250	240	230	23

SIZE CHART

Thickness	Width	Length
6 mm to 12 mm	1250	6300
8 mm to 40 mm	1500	6300/12000
6 mm to 100 mm	2000	6300/12000/12500
70 mm to 150 mm	2500	6300
10 mm to 150 mm	2500	12000/12500

WEIGHT CHART

Thickness	Weight in Kg/sq. m
6 mm	47.10
8 mm	62.80
10 mm	78.50
12 mm	94.20
14 mm	109.90
16 mm	125.60
20 mm	157.00
25 mm	196.25
28 mm	219.80
30 mm	235.50

WEIGHT CHART

Thickness	Weight in Kg/sq. m
32 mm	251.20
36 mm	282.60
40 mm	314.00
45 mm	353.25
50 mm	392.50
56 mm	439.60
60 mm	471.00
63 mm	494.55
70 mm	549.50
75 mm	588.75
80 mm	628.00
90 mm	706.50
100 mm	785.00
110 mm	863.50
120 mm	942.00
130 mm	1020.50
140 mm	1099.00
150 mm	1177.50

2. HIGH TENSILE STRENGTH PLATES

MAKE: SAILMA / TISTEN

IS 2062: 2011 E-350, E-410, E-450

Grade:

E-350 A, BR, B0, C

E-410 A, BR, B0, C

E-450 A, BR

Sizes available:

Thickness: 6 mm to 100 mm

Width: 1250 mm to 2500 mm

Length: 6300 mm to 12500mm

CHEMICAL COMPOSITION							
Quality		Ladle Ananlysis, Wt % Max					CE max
		C	Mn	S	P	Si	
E-350	A, BR, B0	0.20	1.55	0.045	0.045	0.45	0.47
	C	0.20	1.55	0.040	0.040	0.45	0.45
E-410	A, BR, B0	0.20	1.60	0.045	0.045	0.45	0.50
	C	0.20	1.60	0.040	0.040	0.45	0.50
E-450	A, BR	0.22	1.65	0.045	0.045	0.45	0.52

MECHANICAL PROPERTIES						
Quality		Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			≤ 20	20-40	>40	
E - 350	A,BR,B0,C	490	350	330	320	22
E - 410	A,BR,B0,C	540	410	390	380	20
E - 450	A,BR	570	450	430	420	20

SIZE CHART

Thickness	Width	Length
6 mm to 12 mm	1250	6300
8 mm to 40 mm	1500	6300/12000
6 mm to 100 mm	2000	6300/12000/12500
70 mm to 100 mm	2500	6300
10 mm to 100 mm	2500	12000/12500

Note: Sizes in stock as per grade

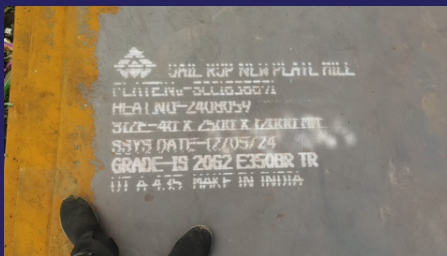
- E-350: 6mm to 100mm
- E-410: 6mm to 90mm
- E-450: 6mm to 63mm

WEIGHT CHART

Thickness	Weight in Kg/sq. m
6	47.10
8	62.80
10	78.50
12	94.20
14	109.90
16	125.60
20	157.00
25	196.25
28	219.80
30	235.50
32	251.20
36	282.60
40	314.00
45	353.25
50	392.50
56	439.60
60	471.00
63	494.55

WEIGHT CHART

Thickness	Weight in Kg/sq. m
70	549.50
75	588.75
80	628.00
90	706.50
100	785.00



Applications:

- **Pre - Engineered Buildings**
- **Fabrication**
- **General Structures**
- **High Strength Structures**
- **Solar/ Transmission Towers**
- **Ship Building**
- **Excavator Buckets**
- **Crushers & Dumpers Bodies**
- **Weighbridges**
- **Cranes**
- **Front Loaders**
- **Booms**
- **Vehicle Chassis**
- **Forklift Trucks**
- **Conveyors**
- **Wear Liners**
- **Gear Wheels**

