

Hot Rolled Products Range

	Thick (mm)	Width (mm)	Length (mm)
HR Coils	02-25	900 -1270	NA
Cut To Length Sheets	02-25	900 -1270	2500-12000
Plates	18-70	900-1270	2500-12000
P&O Sheets	02-05	900 -1270	2500-7500

Supply Conditions

- Plates generally supplied in self normalised condition, as well as FURNACE normalized condition.
- Ultrasonic testing possible.
- Edges , lengths , widths range can be specified for Individual orders
- Minimum Order Size – Truck Load
Plates / CTL can be supplied Ultrasonic Tested as per ASTM A 435 Level A/B and ASTM A 578 Level B.

Standards & Application

Grade	Application
IS 11513 Gr D/DD	Cold Rolling Galvanising (CRCA)
IS 11513 Gr EDD	
IS 1079 Gr DD	Drawing and pressing Quality Sheets & Coils
IS 1079 Gr EDD	

JIS G 3131 SPHC/SPHD/SPHE	
DIN 1614 STW 22/24 ASTM A 621	
BS 1449 HR3/HR2	
IS 10748 Gr 1/Gr 2/Gr 3	Welded tubes and pipes
IS 10748	
JIS G 3132 SPHT1/SPHT2/SPHT3	
EN 10025 S 275 JR	
IS 2062 Gr A,B,C , IS 5986	Structural Quality Plates and Sheets for general purpose ASTM A36, SAE 1021 engineering.
DIN 17100 , St.44/R, St37.2	
G-3125 SPAH (JIS)	
IS 6240	LPG
DIS G 3116 SG 295	

Packing & Marking

HR COILS

- Normally three straps through eye and two circumferential straps are used for packing.



HR SHEETS

- Cut to length sheets are strapped with three longitudinal and two horizontal straps with edge protectors and wooden skids on agreement .
- G.I. Packing can be provided if desired by customer.

COLD ROLLED FULL HARD PRODUCTS

	Thickness (mm)	Width (mm)	Length (mm)
CRFH Coils	0.21-2.00	900 -1250	NA
CRFH Sheets	0.25-2.00	900 -1250	1750-4265

SPECIFICATIONS

NATIONAL	INTERNAIONAL
IS – 513 D	JIS 3141 SPCC 1B SAE 1006/1008

SUPPLY CONDITION

- Surface – Bright finish , Lightly oiled (rolling emulsion oil)

GALVANISED PRODUCTS RANGE
GALVANISED HARD CORRUGATED SHEETS COATING RANGE : 100 - 275 GSM

THICKNESS RANGE (mm)	BEFORE CORRUGATION (mm)	WIDTH AFTER CORRUGATION (mm)	LENGTH (mm)	No. OF CORRUGATION
0.23-0.30	900	740, 760, 780, 800, 810	1785-4265	10/11
0.31-0.45	900	740, 760, 780, 800, 810	1785-4265	10/11
0.50-0.60	900	740, 760, 800, 810	1785-4265	10/11
0.23-0.66	1000	860, 880, 900	1785-4265	12/13
0.40-0.50	1000	860, 880, 900	1785-4265	12/13
0.55-0.66	1000	860, 880, 900	1785-4265	12/13

Galvanised Soft Coil Size / Weight Range

WIDTH 770MM -1000MM			
	120/180gsm	275gsm	Small coils
GP SIZE	85%	85%	15%/100%
0.21	9-14 mt		
0.25	9-14 mt		5-9 mt
0.3	9-14 mt	Not Offered	5-9 mt
0.35	9-14 mt	9-14 mt	5-9 mt
0.4	9-14 mt	9-14 mt	5-9 mt
0.45	9-14 mt	9-14 mt	5-9 mt
0.5	9-14 mt	9-14 mt	5-9 mt
0.55	9-14 mt	9-14 mt	5-9 mt
0.6	9-14 mt	9-14 mt	5-9 mt

0.65	9-14 mt	9-14 mt	5-9 mt
0.70-0.90	9-14 mt	9-14 mt	5-9 mt
1.00-1.20	9-14 mt	9-14 mt	5-9 mt
1.21-1.50	9-14 mt	9-14 mt	5-9 mt

WIDTH 1001MM-1080MM			
	120/180gsm	275gsm	Small coils
GP SIZE	85%	85%	15%/100%
0.21			
0.25	10-15 mt		5-10 mt
0.3	10-15 mt	Not Offered	5-10 mt
0.35	10-15 mt	10-15 mt	5-10 mt
0.4	10-15 mt	10-15 mt	5-10 mt
0.45	10-15 mt	10-15 mt	5-10 mt
0.5	10-15 mt	10-15 mt	5-10 mt
0.55	10-15 mt	10-15 mt	5-10 mt
0.6	10-15 mt	10-15 mt	5-10 mt
0.65	10-15 mt	10-15 mt	5-10 mt
0.70-0.90	10-15 mt	10-15 mt	5-10 mt
1.00-1.20	10-15 mt	10-15 mt	5-10 mt
1.21-1.50	10-15 mt	10-15 mt	5-10 mt

WIDTH 1081MM-1150MM			
	120/180gsm	275gsm	Small coils
GP SIZE (mm)	85%	85%	15%/100%
0.21			
0.25			
0.3	10-15 mt	Not Offered	5-10 mt
0.35	10-15 mt	10-15 mt	5-10 mt
0.4	10-15 mt	10-15 mt	5-10 mt
0.45	14-16 mt	14-16 mt	7-12 mt

0.5	14-16 mt	14-16 mt	7-12 mt
0.55	14-16 mt	14-16 mt	7-12 mt
0.6	14-16 mt	14-16 mt	7-12 mt
0.65	14-16 mt	14-16 mt	7-12 mt
0.70-0.90	14-16 mt	14-16 mt	7-12 mt
1.00-1.20	14-16 mt	14-16 mt	7-12 mt
1.21-1.50	14-16 mt	14-16 mt	7-12 mt

WIDTH 1151MM -1250MM			
	120/180gsm	275gsm	Small coils
GP SIZE (mm)	85%	85%	15%/100%
0.21			
0.25			
0.3	10-16 mt	Not Offered	5-10 mt
0.35	10-16 mt		5-10 mt
0.4	10-16 mt	10-16 mt	5-10 mt
0.45	10-16 mt	10-16 mt	5-10 mt
0.5	10-16 mt	10-16 mt	5-10 mt
0.55	10-16 mt	10-16 mt	5-10 mt
0.6	14-17 mt	14-17 mt	7-14 mt
0.65	14-17 mt	14-17 mt	7-14 mt
0.70-0.90	14-17 mt	14-17 mt	7-14 mt
1.00-1.20	14-18 mt	14-18 mt	7-14 mt
1.21-1.50	14-18 mt	14-18 mt	7-14 mt

GP COIL WEIGHT CHART (Lbs)

WIDTH 30.31"-39.37"			
	120/180gsm	275gsm	Small coils
GP Size(Inch)	85%	85%	15%/100%
0.0083	19900-30800		

0.010	1990-30800		11100-19800
0.012	1990-30800	Not Offered	11100-19800
0.014	1990-30800	1990-30800	11100-19800
0.016	1990-30800	1990-30800	11100-19800
0.018	1990-30800	1990-30800	11100-19800
0.020	1990-30800	1990-30800	11100-19800
0.022	1990-30800	1990-30800	11100-19800
0.024	1990-30800	1990-30800	11100-19800
0.026	1990-30800	1990-30800	11100-19800
0.028-0.035	1990-30800	1990-30800	11100-19800
0.039-0.047	1990-30800	1990-30800	11100-19800
0.048 - 0.063	1990-30800	1990-30800	11100-19800

WIDTH 39.41"-42.52"			
	120/180gsm	275gsm	Small coils
GP Size(Inch)	85%	85%	15%/100%
0.0083			
0.010	22100-33000		11100-22000
0.012	22100-33000	Not Offered	11100-22000
0.014	22100-33000	22100-33000	11100-22000
0.016	22100-33000	22100-33000	11100-22000
0.018	22100-33000	22100-33000	11100-22000
0.020	22100-33000	22100-33000	11100-22000
0.022	22100-33000	22100-33000	11100-22000
0.024	22100-33000	22100-33000	11100-22000
0.026	22100-33000	22100-33000	11100-22000
0.028-0.035	22100-33000	22100-33000	11100-22000
0.039-0.047	22100-33000	22100-33000	11100-22000
0.048 - 0.063	22100-33000	22100-33000	11100-22000

WIDTH 42.56"-45.28"			
	120/180gsm	275gsm	Small coils
GP Size(Inch)	85%	85%	15%/100%
0.0083			
0.010			
0.012	22100-33000	Not Offered	11100-22000
0.014	22100-33000	22100-33000	11100-22000
0.016	22100-33000	22100-33000	11100-22000
0.018	30860-35275	30860-35275	15500-26400
0.020	30860-35275	30860-35275	15500-26400
0.022	30860-35275	30860-35275	15500-26400
0.024	30860-35275	30860-35275	15500-26400
0.026	30860-35275	30860-35275	15500-26400
0.028-0.035	30860-35275	30860-35275	15500-26400
0.039-0.047	30860-35275	30860-35275	15500-26400
0.048 - 0.063	30860-35275	30860-35275	15500-26400

WIDTH 45.31"-49.21"			
	120/180gsm	275gsm	Small coils
GP Size(Inch)	85%	85%	15%/100%
0.0083			
0.010			
0.012	22100-35200	Not Offered	11100-22000
0.014	22100-35200		11100-22000
0.016	22100-35200	22100-35200	11100-22000
0.018	22100-35200	22100-35200	11100-22000
0.020	22100-35200	22100-35200	11100-22000
0.022	22100-35200	22100-35200	11100-22000
0.024	30860-37480	30860-37480	15430-30860
0.026	30860-37480	30860-37480	15430-30860
0.028-0.035	30860-37480	30860-37480	15430-30860
0.039-0.047	30860-39680	30860-39680	15430-30860

0.048 - 0.063	30860-39680	30860-39680	15430-30860
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Notes:

1. In sizes lesser than 0.30mm , max quantity in any one size shall be 0.25mm-10%, 0.27mm - 10%
2. Any single width quantity shall be 100MT min , or 15% of overall order
3. Single width to be defined as +/- 10mm of any width- i.e 1240/1250 shall be one width, whereas 1220 & 1250 shall be 2
4. Minimum spangle & regular spangle not to be clubbed in any order
5. For widths lesser /more than above range, pl refer /confirm with plant before offering

National & International Specification

NATIONAL	INTERNAIONAL
IS – 277	JIS 3302-SGCC/SGCH/SGC340/400/440/570 ASTM A653 CS TYPE S/B/FS/FAS ASTM A653 GR.33/37/40/50/80 EN 10142/EN10327-DX51 D,DX52 D,EN10147/EN10326-SS220GD, SS-250GD,SS-320GD, ES –D1 & D5 DIN 17162, ST 01 Z, ST 02 Z

Supply Condition

- Surface – Bright finish , Oiled, Lightly Oiled, Chem. Treated, Chromated
- Spangle – Regular / Minimised(nonskin passed)
- Non- fluting for Dia 5” & above(forthickness upto0.60mm/0.0236inch)
- Stretcher/Tension leveled
- Trimmed edges in CR Stage

Packing & Marking

- Standard Export Packing- HDPE & VCI paper packing over which GI sheet cladding then 4 straps equidistant through the eye of each coil and 3 straps along the circumference with edge protection.
- The required data is marked on the coil in two positions.

