

# Stainless Steel Sheet & Plate

Euro Steel offers a diverse range of Stainless Steel Flat Rolled Products, which are available in Plate, Sheet and Coil. The most common grades of Stainless Steel Sheets that we offer are, 3CR12, 430, 304L, 316L, 310, 310S, 409, 441 and 444. Grade types such as 309, 321, 321H, 347, 904L, 2205, 2304, 2507, 316Ti, 316H, 304H, LDX2101® and other exotic grades are all available on request.

Stainless Steel Sheet, also commonly known as Cold Rolled Sheet, is available in the following finishes: 2B, No.4 with PVC and BA with PVC. Sheets are also available paper interleaved and can be polished or embossed to your requirements. See Stainless Steel decorative finishes.

Stainless Steel plate, also referred to as hot rolled plate is also available in the same standard widths and lengths as sheet. Plate is typically available in a No.1 finish which is a hot rolled, heat treated (annealed) and descaled condition (pickled). Plate can be ordered ex- mill in the hot rolled (HR) condition suitable for products to be further worked. The hot rolled and heat treated condition without descaling (HRA) is suitable for industrial heat resisting and materials handling applications.

When smoothness and uniformity are required the plates can be further cold rolled to a 2D finish. Standard lengths for Sheet & Plate (in mm) are: 2000, 2500, 3000 and 6000. Standard widths (in mm) are 1000, 1250, 1500 & 2000.

All materials are produced to the following international specifications: Tolerance to ASTM A480M, Chemical to ASTM A240, Mechanical to ASTM A240, ASME and other specifications available on request. Test certificates are supplied as required on all materials delivered.

Density factors used for weight calculations: under 3mm thick Austenitics (such as Grades 304 and 316) 8.07kg/m<sup>2</sup>: Ferritics (Grades 430 and 3CR12) 8.00kg/m<sup>2</sup>. Products over 3mm (hot rolled products) or a No.1 finish RSA use a density factor of 8.2 - this applies to Austenitics and Ferritics. Calculate sheet mass as follows: length (m) x width (m) x thickness (mm) x density factor. Euro Steel also offers in-house cutting to length, brushing (No.4 polishing or scotchbrite), slitting and blanking to size.

Sheet		
Sizes	Kg/sheet 304/316 Austenitic	Kg/sheet 430/3CR12/444 Ferritic
2000 x 1000 x 0.5	8.07	8
2500 x 1250 x 0.5	12.61	12.5
2000 x 1000 x 0.7	11.30	11.2
2500 x 1250 x 0.7	17.65	17.50
2000 x 1000 x 0.9	14.53	14.40
2500 x 1250 x 0.9	22.70	22.50
2500 x 1250 x 1	-	25
2000 x 1000 x 1.2	19.37	19.2
2500 x 1250 x 1.2	30.26	30
3000 x 1500 x 1.2	43.58	43.2
2000 x 1000 x 1.5	24.21	24
2500 x 1250 x 1.5	37.83	37.5
3000 x 1500 x 1.5	54.47	54
2000 x 1000 x 1.6	25.82	25.60
2500 x 1250 x 1.6	40.35	40
3000 x 1500 x 1.6	58.10	57.60
2000 x 1000 x 2.0	32.28	32
2500 x 1250 x 2.0	50.44	50
3000 x 1500 x 2.0	72.63	72
2000 x 1000 x 2.5	40.35	40
2500 x 1250 x 2.5	63.05	62.50
3000 x 1500 x 2.5	90.79	90
2000 x 1000 x 3.0	48.42	49.2
2500 x 1250 x 3.0	75.66	76.88
3000 x 1500 x 3.0	108.95	110.7
6000 x 1500 x 3.0	216	
6000 x 2000 x 3.0	290.52	

Plate	
Sizes	Kg/plate 304/316l & 3CR12 Austenitic and Ferritic
2500 x 1250 x 4.5	115.31
3000 x 1500 x 4.5	166.05
6000 x 1500 x 4.5	332.10
6000 x 2000 x 4.5	442.80
2500 x 1250 x 6	153.75
3000 x 1500 x 6	221.40
6000 x 1500 x 6	442.80
6000 x 2000 x 6	590.40
2500 x 1250 x 8	205.0
3000 x 1500 x 8	295.20
6000 x 1500 x 8	590.40
6000 x 2000 x 8	787.20
2500 x 1250 x 10	256.25
3000 x 1500 x 10	369
6000 x 1500 x 10	738
6000 x 2000 x 10	984
2500 x 1250 x 12	307.50
3000 x 1500 x 12	442.80
6000 x 1500 x 12	885.60
6000 x 2000 x 12	1180.8
2500 x 1250 x 16	410
3000 x 1500 x 16	590.40
2500 x 1250 x 20	512.50
3000 x 1500 x 20	738
2500 x 1250 x 25	640.625
3000 x 1500 x 25	922.50
2500 x 1250 x 30	768.75
3000 x 1500 x 30	1107
2500 x 1250 x 40	1025
3000 x 1500 x 40	1476
2500 x 1250 x 50	1281.25
3000 x 1500 x 50	1845