

Boiler Plates

Metric units (7.85 kg/mm m² - 0.7293 kg/mm ft²)

Thickness Inch	Width x Length					
	6' x 20'		8' x 20'		8' x 30'	
	Calculated Weight					
	kg/pc	lb/pc	kg/pc	lb/pc	kg/pc	lb/pc
1/8	278	613	371	818	556	1,226
3/16	416	917	555	1,224	832	1,834
1/4	556	1,226	741	1,634	1,111	2,449
5/16	695	1,532	927	2,044	1,387	3,058
3/8	834	1,839	1,100	2,425	1,669	3,680
7/16	972	2,143	1,296	2,857	1,944	4,286
1/2	1,112	2,452	1,482	3,267	2,222	4,899
5/8	1,390	3,064	1,853	4,085	2,780	6,129
3/4	1,667	3,675	2,222	4,899	3,332	7,346
7/8	1,946	4,290	2,591	5,712	3,890	8,576
1	2,223	4,901	2,963	6,532	4,445	9,800
1-1/8	2,502	5,516	3,339	7,361	4,997	11,016
1-1/4	2,780	6,129	3,425	7,551	5,560	12,258
1-1/2	3,335	7,352	4,445	9,800	6,668	14,700
1-3/4	3,887	8,569	5,194	11,451	7,772	17,134
2	4,450	9,811	5,921	13,054	8,900	19,621
2-1/4	4,997	11,016	6,663	14,689	9,994	22,033
2-1/2	5,551	12,238	7,402	16,319	11,102	24,476
3	6,662	14,687	8,883	19,584	13,324	29,374
3-1/2	7,772	17,134	10,363	22,846	15,544	34,269
4	8,882	19,581	11,843	26,109	17,764	39,163
5	11,102	24,476	14,803	32,635	22,204	48,951
6	13,322	29,370	17,763	39,161	26,644	58,740

Material Spec: ASME SA516 GR 70(N)
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Mild Steel Checkered Plates

Thickness (mm)	Weight (kg/ft ²)	Width x Length, ft		
		4' x 8'	5' x 10'	5' x 20'
		kg	kg	kg
3.0	2.25	72.00	113.00	-
4.0	3	96.10	150.00	-
4.5	3.38	108.00	169.00	-
5.0	3.75	120.00	188.00	-
6.0	4.5	144.00	225.00	450.00
7.5	5.63	180.00	282.00	563.00
8.0	6.01	192.00	300.00	601.00
9.0	6.76	216.00	338.00	676.00
12.0	9.01	288.00	450.00	901.00

Material Spec: JIS G3101 SS400
ASTM A36