



ASTM A153/A153M : Thickness of Weight (Mass) of Zinc Coating for Various Classes of Materials



Class of Materials	Weight (Mass of Zinc Coating, oz/ft ² and g/m ² of Surface)				Coating Thickness, mils and microns			
	Average of Specimens Tested		Any Individual Specimen		Average of Specimens Tested		Any Individual Specimen	
	Minimum				Minimum			
	oz/ft ²	g/m ²	oz/ft ²	g/m ²	mils	microns	mils	micron
<i>Class A</i> → Castings → Malleable Iron, Steel	2.00	610	1.80	550	3.40	86	3.10	79
<i>Class B</i> → Rolled, Pressed and Forged articles (except those which would be included under Class C and D)								
B-1 → 3/16 in. (4.76 mm.) and over in thickness and over 15 in. (381 mm.) in length	2.00	610	1.80	550	3.40	86	3.10	79
B-2 → under 3/16 in. (4.76 mm.) in thickness and over 15 in. (381 mm.) in length	1.50	458	1.25	381	2.60	66	2.10	53
B-3 → any thickness and 15 in. (381 mm.) and under in length	1.30	397	1.10	336	2.20	56	1.90	48
<i>Class C</i> → Fasteners over 3/8 in. (9.52 mm.) in diameter and similar articles. Washers 3/16 in. (4.76 mm.) and 1/4 in. (6.35 mm.) in thickness	1.25	381	1.00	305	2.10	53	1.70	43
<i>Class D</i> → Fasteners in 3/8 in. (9.52 mm.) and under in diameter, Rivets, Nails and similar articles. Washers under 3/16 in. (4.76 mm.) in thickness	1.00	305	0.85	259	1.70	43	1.40	36

Note : 1 millimeter = 39 mils