

TABLE A2.13 Permitted Variations in Thickness of Hot-Rolled, Wide, Coil-Processed Product as Coil and Cut Lengths

Specified Thickness ^A , in. [mm]	Permitted Variations, in. [mm], Over and Under, Except as Indicated Otherwise, for Specified Width (<i>w</i>) in. [mm]	
	<i>w</i> ≤ 60 [1525]	<i>w</i> > 60 [1525]
0.072 [1.83]	0.006 [0.15]	0.009 [0.22]
>0.072 [1.83] to 0.083 [2.11]	0.007 [0.18]	0.010 [0.25]
>0.083 [2.11] to 0.098 [2.49]	0.008 [0.20]	0.011 [0.27]
>0.098 [2.49] to 0.114 [2.90]	0.009 [0.23]	0.012 [0.30]
>0.114 [2.90] to 0.130 [3.30]	0.011 [0.27]	0.013 [0.33]
>0.130 [3.30] to 0.145 [3.68]	0.012 [0.30]	0.013 [0.33]
>0.145 [3.68] to 0.1875 [4.76]	0.013 [0.33]	0.014 [0.35]
>0.1875 [4.76] to 0.250 [6.35]	−0.010 [0.25], +0.020 [0.50]	−0.010 [0.25], +0.020 [0.50]
>0.250 [6.35] to 0.3125 [7.94]	−0.010 [0.25], +0.022 [0.55]	−0.010 [0.25], +0.022 [0.55]
>0.3125 [7.94]	−0.010 [0.25], +0.030 [0.75]	−0.010 [0.25], +0.030 [0.75]

^A Thickness measurements are taken at least $\frac{3}{16}$ in. [9.52 mm] from the edge of the sheet.

TABLE A2.14 Permitted Variations in Width of Hot-Rolled, Wide, Coil-Processed Product as Cut Lengths (Not Resquared) and Coil

Specified Thickness, <i>t</i> , in. [mm]	Width (<i>w</i>), in. [mm]	Tolerances on Width, in. [mm], for Trimmed Edges
$t < \frac{3}{16}$ [4.76]	$w < 48$ [1219]	+ $\frac{1}{16}$ [1.59], −0
	$w \geq 48$ [1219]	+ $\frac{1}{4}$ [6.35], −0
$\frac{3}{16}$ [4.76] ≤ $t < \frac{3}{8}$ [9.5]	$w < 48$ [1219]	+ $\frac{5}{32}$ [3.97], −0
	$w \geq 48$ [1219]	+ $\frac{3}{8}$ [9.5], −0
$t \geq \frac{3}{8}$ [9.5]	$w < 48$ [1219]	+ $\frac{1}{4}$ [6.35], −0
	$w \geq 48$ [1219]	+ $\frac{7}{16}$ [11.1], −0

TABLE A2.15 Permitted Variations in Length of Hot-Rolled, Wide, Coil-Processed Product as Cut Lengths Not Resquared

Specified Thickness, <i>t</i> , in. [mm]	Length (<i>L</i>), ft [mm]	Tolerances, in. [mm], Over and Under
$t < \frac{3}{16}$ [4.76]	$L \leq 10$ [3048]	+ $\frac{1}{4}$ [6.35], −0
	10 [3048] < $L \leq 20$ [6096]	+ $\frac{1}{2}$ [12.7], −0
$t \geq \frac{3}{16}$ [4.76]	$L \leq 10$ [3048]	+ $\frac{1}{2}$ [12.7], −0
	10 [3048] < $L \leq 20$ [6096]	+ $\frac{5}{8}$ [15.9], −0

TABLE A2.16 Permitted Variations in Flatness of Hot-Rolled, Wide, Coil-Processed Product as Cut Lengths

Not Specified to Stretcher-Leveled Standard of Flatness			
Specified Thickness (<i>t</i>), in. [mm]	Width (<i>w</i>), in. [mm]	Flatness Tolerance, ^A in. [mm]	
$t < \frac{3}{16}$ [4.76]	$w \leq 36$ [914],	0.50 [12.7]	
	36 [914] < $w \leq 60$ [1524]	0.75 [19.1]	
	$w > 60$ [1524]	1.00 [25.4]	
$t \geq \frac{3}{16}$ [4.76]	$w \leq 60$ [1524]	0.90 [23]	
	60 [1524] < $w \leq 72$ [1829]	1.20 [30]	
	$w > 72$ [1829]	1.50 [38]	
Stretcher-Leveled Standard of Flatness			
Specified Thickness (<i>t</i>), in. [mm]	Specified Width (<i>w</i>), in. [mm]	Specified Length (<i>L</i>), in. [mm]	Flatness Tolerance, ^A in. [mm]
$t < \frac{3}{16}$ [4.76]	$w \leq 48$ [1219]	$L \leq 96$ [2438]	$\frac{1}{8}$ [3.18]
	$w \leq 48$ [1219]	$L > 96$ [2438]	$\frac{1}{4}$ [6.35]
$t < \frac{3}{16}$ [4.76]	$w > 48$ [1219]	$L \leq 96$ [2438]	$\frac{1}{4}$ [6.35]
	$w > 48$ [1219]	$L > 96$ [2438]	$\frac{1}{4}$ [6.35]

^A Maximum deviation from a horizontal flat surface.