



METAL PROCESSING & DISTRIBUTION

Stainless Steel

304 Sheet

316L Sheet

430 Sheet

304 Plate

316L Plate

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Stainless Steel



SHEETS

304	5-7
316L	8-9
430	10-11

PLATE

304	12
316L	13

DIAMOND FLOOR PLATE

304	12
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Selection Guide

Stainless Steel



Alloy Description

304 The most widely used of the stainless and heat resisting steels. It is essentially non-magnetic when annealed, and can become slightly magnetic when cold worked. This product has a good resistance to many chemical corrodents as well as industrial atmospheres.

316L Has better corrosion and pitting resistance as well as a higher strength at elevated temperatures than Type 304. A low-carbon, austenitic chromium-nickel-molybdenum stainless steel with general corrosion resistance similar to Type 316, but with superior resistance to intergranular corrosion following welding or stress relieving.

430 Is very popular of the non-hardenable chromium stainless steels. Oxidation resistance to 1500°F widely used in both industrial and consumer products.

Available Finishes

Pg#

#1	
#4	5
2b	7
#8	6
BA	6
#1	
#4	8
2b	9
#8	7
#4	10
#8	11
BA	11

Finish Description

Stainless Steel



#1 Finish Finish is produced by rolling stainless steel that has been heated prior to rolling (hot-rolling). This is followed by a heat treatment that produces a uniform microstructure (annealing) and ensures that the stainless steel will meet mechanical property requirements. After these processing steps, the surface has a dark non-uniform appearance called “scale”. Surface chromium has been lost during the previous processing steps, and, without removal of the scale, the stainless steel would not provide the expected level of corrosion resistance. Chemical removal of this scale is called pickling or descaling, and it is the final processing step. A No. 1 finish has rough, dull, and non-uniform appearance. There may be shiny spots where surface imperfections were removed by grinding. It is generally used in industrial applications, such as equipment for elevated temperature service.

#4 Finish is characterized by short, parallel polishing lines, which extend uniformly along the length of the coil. Depending on the requirements of the application, the typical final finish is normally between 120 and 150 gri

#2b Finish is a cold rolled finish. This produces a more reflective finish that resembles a cloudy mirror. Finish reflectivity can vary from manufacturer-to-manufacturer and normally is fairly dull. No. 2B is a general purpose cold rolled finish commonly used for all but exceptionally difficult deep drawing applications.

#8 Finish is the most reflective polished finish that is covered by the ASTM standards. It is produced by being heavily buffed. The resulting finish is mirror-like.

Bright Annealed (BA) is produced by heat-treating (annealing) in a controlled atmosphere furnace. It has a mirror like appearance but may have some cloudiness and other imperfections.



Stainless Steel Sheet

304

Stainless Steel Sheet | #4 Finish

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
20	48 x 120	.0355"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	
12	48 x 120	.1054"
	48 x 96	
	48 x 48	
	48 x 24	
11	48 x 120	.1200"
	48 x 96	
	48 x 48	
	48 x 24	
10	48 x 120	.1350"
	48 x 96	
	48 x 48	
	48 x 24	

304



METAL PROCESSING & DISTRIBUTION

Stainless Steel Sheet | #8 Mirror

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
20	48 x 120	.0355"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	
11	48 x 120	.1200"
	48 x 96	
	48 x 48	
	48 x 24	

304

Stainless Steel Sheet | BA (Bright Annealed)

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	

304

Stainless Steel Sheet | 2b Finish

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
20	48 x 120	.0355"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	
12	48 x 120	.1054"
	48 x 96	
	48 x 48	
	48 x 24	
11	48 x 120	.1200"
	48 x 96	
	48 x 48	
	48 x 24	
10	48 x 120	.1350"
	48 x 96	
	48 x 48	
	48 x 24	

316L

Stainless Steel Sheet | #4 Finish

Gauge	Width X Length	Thickness
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	
11	48 x 120	.1200"
	48 x 96	
	48 x 48	
	48 x 24	

316L

Stainless Steel Sheet | #8 Mirror

Gauge	Width X Length	Thickness
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	

316L



Stainless Steel Sheet | 2b Finish

Gauge	Width X Length	Thickness
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
20	48 x 120	.0355"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	
12	48 x 120	.1054"
	48 x 96	
	48 x 48	
	48 x 24	
11	48 x 120	.1200"
	48 x 96	
	48 x 48	
	48 x 24	

430

Stainless Steel Sheet | #4 Finish

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
20	48 x 120	.0355"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	

430

Stainless Steel Sheet | #8 Mirror

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	
16	48 x 120	.0595"
	48 x 96	
	48 x 48	
	48 x 24	
14	48 x 120	.0751"
	48 x 96	
	48 x 48	
	48 x 24	

430

Stainless Steel Sheet | BA (Bright Annealed)

Gauge	Width X Length	Thickness
26	48 x 120	.0178"
	48 x 96	
	48 x 48	
	48 x 24	
24	48 x 120	.0235"
	48 x 96	
	48 x 48	
	48 x 24	
22	48 x 120	.0293"
	48 x 96	
	48 x 48	
	48 x 24	
18	48 x 120	.0480"
	48 x 96	
	48 x 48	
	48 x 24	

Stainless Steel Plate

304

Stainless Steel Plate

Gauge	Width X Length	Thickness
3/16"	48 x 96	.1875"
	48 x 120	
1/4"	48 x 96	.25"
	48 x 120	
5/16	48 x 96	.3125"
	48 x 120	
3/8"	48 x 96	.375"
	48 x 120	

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Stainless Steel Diamond Floor Plate

Gauge	Width X Length	Thickness
1/8"	48 x 96	.125"
	48 x 120	
3/16"	48 x 96	.1875"
	48 x 120	
1/4"	48 x 96	.25"
	48 x 120	

316L

Stainless Steel Plate

Gauge	Width X Length	Thickness
3/16"	48 x 96	.1875"
	48 x 120	
1/4"	48 x 96	.25"
	48 x 120	
5/16	48 x 96	.3125"
	48 x 120	
3/8"	48 x 96	.375"
	48 x 120	