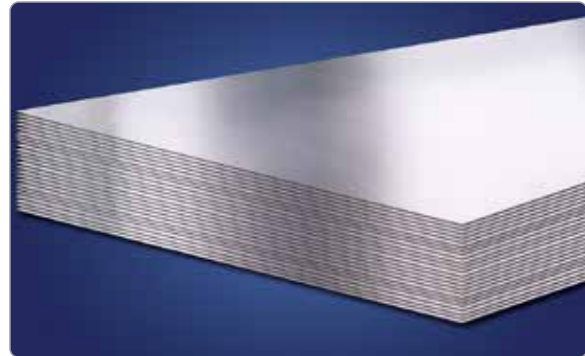


# 201 Stainless Steel Sheet



201 alloy is a high performance austenitic stainless steel that combines good mechanical properties, corrosion resistance, formability, fabrication, and welding characteristics and is similar in many respects to 304 stainless steel. The substitution of manganese for a portion of the nickel content used in 300 Series Stainless Steels can also make the use of 201 alloy more cost effective for many applications. Although a slight reduction in corrosion resistance may be a factor given 201 alloy's lower chromium content, 201 is capable of providing corrosion resistance equivalent to 301 and 304 in most environments.



## Typical Applications:

- Commercial and residential food service applications
- Structural and decorative architectural applications
- Commercial and Industrial appliances such as washing machines, dryers, and refrigerators
- Specialty hose clamps

## Typical Mechanical Properties

Grade	Tensile (ksi)	Yield (ksi)	Elongation (% in 2")	Hardness (RB)
201	105	45	58	88
304	95	45	53	85

## Chemical Composition Ranges

Grade	C	Mn	P	S	Si	Cr	Ni	N	Fe
201	0.15	5.5 - 7.5	0.060	0.030	1.00	16.0-18.0	3.5-5.5	0.25	Balance
304	0.08	2.00	0.045	0.030	0.75	18.0-20.0	8.0-10.5	0.10	Balance

(Ranges Per ASTM A240)

\* Maximum, unless range or minimum is indicated.

**Available Thicknesses : 24 ga - 7 ga, 1/4" and 3/8"**

**Available Sizes : 48" & 60" wide x 96", 120" and 144" long pattern size sheets**

**Non-Standard Lengths : Please inquire**

**Available Finishes : 2B, #4 Polished and HRAP Plate**



**Alro Steel**  
**Metals & Plastics**

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# Alro Locations



● **Metals** ● **Plastics** ● **Outlet Stores**

## Over 80 Locations in 16 States!

- |          |                |              |
|----------|----------------|--------------|
| Florida  | Michigan       | Pennsylvania |
| Illinois | Missouri       | Tennessee    |
| Indiana  | New York       | Virginia     |
| Iowa     | North Carolina | Wisconsin    |
| Kentucky | Ohio           |              |
| Maryland | Oklahoma       |              |



Pictured, the Alro Steel facility in Pottsville, Michigan



Alro Steel was founded in 1948 by brothers Al and Robert Glick in Jackson, Michigan. The company is a distributor of metals and plastics. Alro is focused on offering cut-to-size metals and plastics with next day delivery to over 50,000 customers in North America. Alro operates over 80 locations in 16 states and provides a broad inventory of products under the following companies: Alro Steel, Alro Metals, Alro Metals Outlet, and Alro Plastics. Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. [To learn more, please visit alro.com.](http://alro.com)

Metals	Bar	Pipe & Tube	Plate & Sheet	Structural	Grating & Exp. Metal
Alloy	●	●	●		
Aluminum	●	●	●	●	●
Brass	●		●		
Bronze	●	●			
Carbon Steel	●	●	●	●	●
Cast Iron	●	●			
Copper	●	●	●		
Stainless Steel	●	●	●	●	●
Tool Steel	●		●		

## e-Business Solutions

- Alro Online Store ([MyAlro.com](http://MyAlro.com))
- Customized Summary Billing
- Tool Management Solutions
- B2B Transactions

Ask your Alro Representative for details!

America's Premier Metals & Plastics Service Center



# Alro Steel

## Metals & Plastics

Since 1948

