

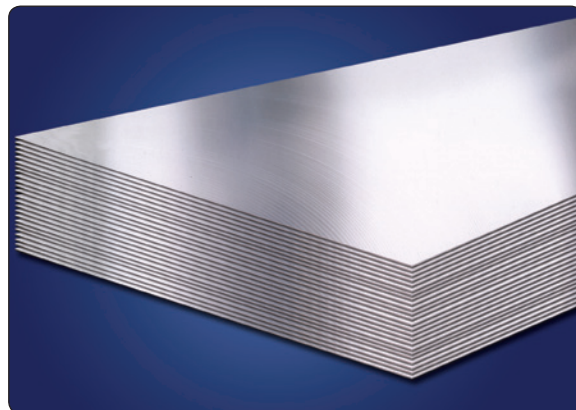


Alro Steel

Metals • Industrial Supplies • Plastics

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

Your One Stop Shop for Metals, Industrial Supplies & Plastics

About Alro

Integrity. Loyalty. Honesty. These principals have guided Alro Steel since our founding in 1948 by brothers, Al and Robert Glick. From a small garage in Jackson, Michigan, Alro Steel has grown to over 60 locations in 12 states. Alro distributes metals, industrial supplies and plastics. A wide variety of processing services are available including cut-to-size metals and plastics with next day delivery to over 25,000 customers in North America.

Focused on exceeding our customers' expectations, we build relationships with all our customers, large and small. To learn more, visit alro.com.



Metals

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

Industrial Supplies

Abrasives	Gaging	Material Handling
Brushes	Grinding	MRO Supplies
Coolant	Hand Tools	Sanding
Cutting Tools	Machinery	Tool Holding
Die Supplies	Maintenance	Work Holding

Plastics

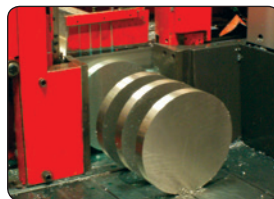
ABS	Makrolon®	Polypropylene
Acetal	Nylon	PTFE
Acrylic	Nyloil®	Starboard®
Delrin®	PEEK	TIVAR®
Extren®	Phenolics	UHMW
Fiberglass	Plexiglas®	Urethane
Grating	Polycarbonate	Vivak®

Note: The symbols ® & ™ indicate a registered trade name.

Alro Metals Outlet

Alro Metals Outlet locations stock a broad range of metals and plastics in a convenient retail setting. Metals Outlet specializes in small to large orders, perfect for machine shops, do-it-yourself (DIY) and maintenance departments.

Processing Services



Saw Cutting



Production/Precision Sawing

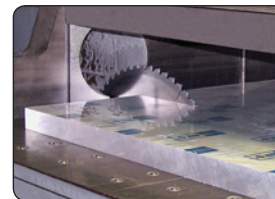


Plate Sawing



Tube Laser Cutting

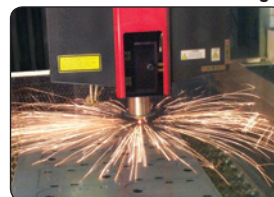
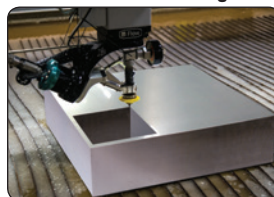


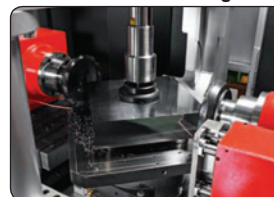
Plate Laser Cutting



Plasma Cutting



Waterjet Cutting



Precision Milling



Shearing



Plate Grinding



Thermal Processing



Plastic CNC Routing

