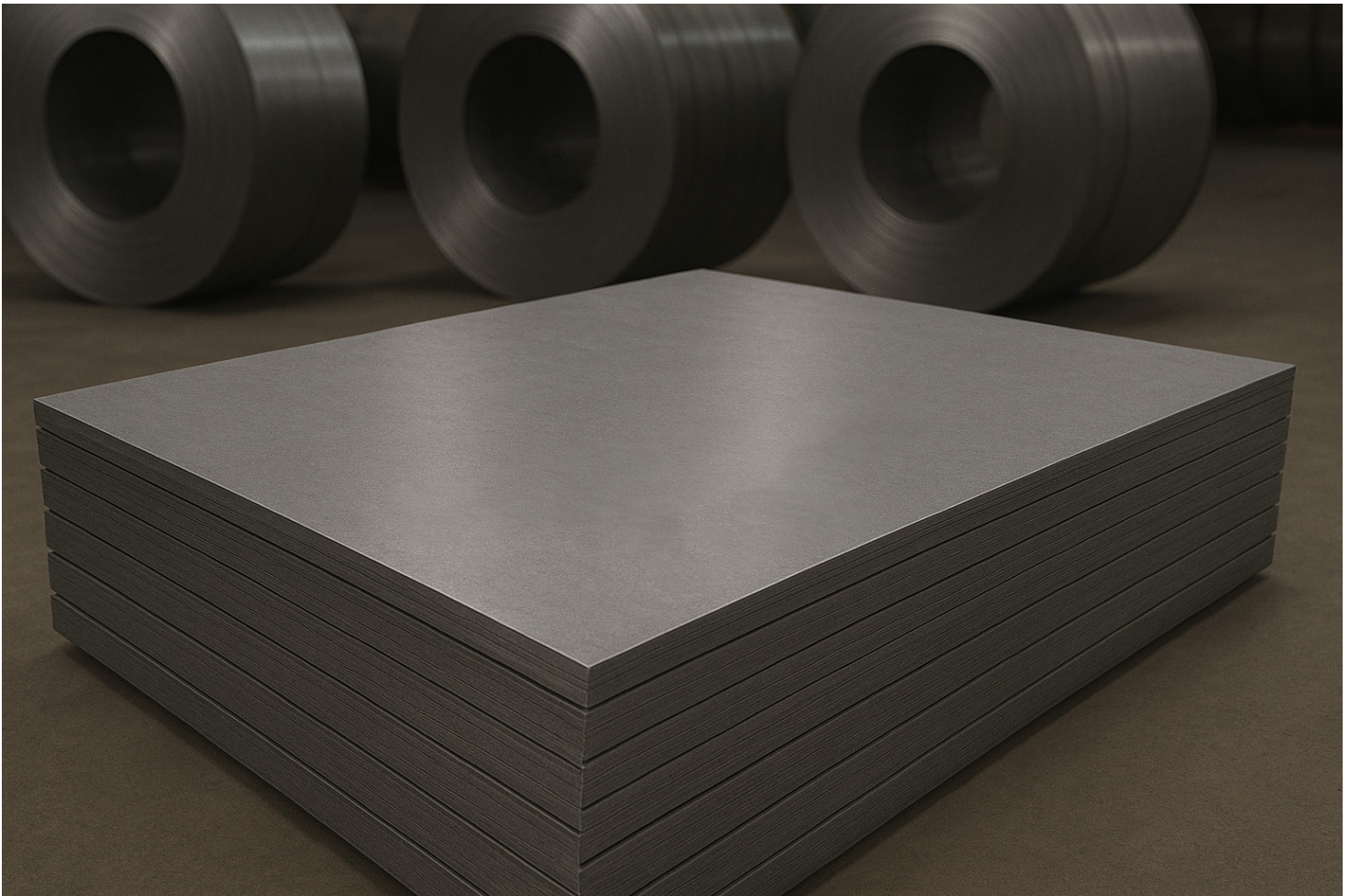




NAVGRAHA STEELS INC

Stockist & Supplier



Hastelloy C276

**Corrosion Resistant Alloy Plates,
Sheets & Coils**

+91-9619267263 | Reachus@navgrahasteelsinc.com | www.navgrahasteelsinc.com

Introduction – What is Hastelloy C276?

Hastelloy C276 is a nickel-molybdenum-chromium alloy with excellent resistance to oxidizing and reducing agents, making it one of the most versatile corrosion-resistant alloys. It performs exceptionally well in hot contaminated media such as ferric and cupric chlorides, chlorine, acetic acid, and seawater. It conforms to ASTM B575 standards.

Mechanical Properties – Hastelloy C276

Property	Requirement
Tensile Strength	≥ 690 MPa
Yield Strength (0.2% offset)	≥ 283 MPa
Elongation	≥ 40%
Hardness	100–95 HRB

Chemical Composition – Hastelloy C276

Element	% (Typical)
Nickel (Ni)	Balance (~57%)
Molybdenum (Mo)	15.0 – 17.0
Chromium (Cr)	14.5 – 16.5
Iron (Fe)	4.0 – 7.0
Tungsten (W)	3.0 – 4.5
Cobalt (Co)	≤ 2.5
Manganese (Mn)	≤ 1.0
Vanadium (V)	≤ 0.35
Silicon (Si)	≤ 0.08
Carbon (C)	≤ 0.01
Sulfur (S)	≤ 0.03

Delivery Condition & Standards

- Supplied in Annealed (solution heat treated at 2050°F / 1120°C) condition
- Standards: ASTM B575 (plates, sheets & coils) ASTM B622, ASTM B619
- Excellent weldability and resistance to sensitization

Standard Dimensions – Hastelloy C276

Parameter	Range
Thickness	1.6 – 50 mm
Width	1000 – 2500 mm
Length	2000 – 6000 mm
Coils	Custom slit widths available

Product Forms

- Plates – Corrosion resistant heavy sections
- Sheets – Thin gauge, flexible applications
- Coils – Slit & rolled forms
- Fabricated Components – CNC profiled, cut-to-size

Applications Across Industries

- Chemical processing (chlorine, acid plants)
- Pulp & paper industry (bleaching equipment)
- Marine & seawater equipment
- Flue gas scrubbers & pollution control
- Heat exchangers & pressure vessels

Buyer's Checklist – Hastelloy C276

- ASTM B575 / UNS N10276 mention on MTC
- Confirm solution annealed condition
- Low carbon ($\leq 0.01\%$) prevents carbide precipitation
- Third-party inspection (Lloyd's, TÜV, SGS, BV, DNV)
- Export packaging & traceability

Why Buy Hastelloy C276 from Navgraha Steel INC?

- Ready stock in plates, sheets, coils
- Quick dispatch with CNC cutting & slitting
- Mill Test Certificates (EN 10204 3.1) traceable to heat no.
- Export-ready supply to GCC, Africa & Asia

Request Price & Datasheet

Looking for 16Mo3 Plates from
SAIL, AMNS, JSPL, Evonith?



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