

HASTELLOY B-3

UNS Number N010675

Characteristics.

- Nickel and molybdenum alloy with excellent resistance to corrosion, pitting and stress corrosion.
- Good thermal stability.
- High resistance to knife attack line and heat affected zone.
- It supports nonoxidizing means (sulfuric, acetic, formic and phosphoric).
- Ability to maintain excellent ductility during transient exposures to intermediate temperatures.
- Is used in chemical processes, vacuum furnaces, mechanical components in reducing environments.

Shape or Presentation

- Sheet
- Plate
- Tube
- Bar
- Accessories
- Wire

Chemical Composition %

Ni	Mo	Fe	C	Co	Cr
65.0 min	28.5	1.5	0.01 max	3.0 max	1.5
Mn	Si	Ti	W	Al	Cu
3.0 max	0.10 max	0.2 max	3.0 max	.50 max	.20 max