HENAN SHENG HE PIPE INDUSTRY CO., LTD
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Hastelloy B-3

Henan Sheng He Pipe Industry Co., Ltd., have an experience spanning for over ten years, producing and supplying best-in-class products, minimize cost by getting manufacturing processes under one roof and delivering consignments on a daily basis only because of a diligent and dedicated team. We are manufacturers, suppliers and exporters of Hastelloy B-3 material.

Hastelloy B-3 is a nickel-molybdenum alloy with excellent resistance to pitting, corrosion, and stress-corrosion cracking plus, thermal stability superior to that of alloy B-2. In addition, this nickel steel alloy has great resistance to knife-line and heat–affected zone attack. Alloy B-3 also withstands sulfuric, acetic, formic and phosphoric acids, and other non-oxidizing media. Furthermore, this nickel alloy has excellent resistance to hydrochloric acid at all concentrations and temperatures. Hastelloy B-3's distinguishing feature is its ability to maintain excellent ductility during transient exposures to intermediate temperatures. Such exposures are routinely experienced during heat treatments associated with fabrication.

Hastelloy B-3 Available Formats

Henan Sheng He Pipe Industry offers Hastelloy B-3 in a variety of forms, including:

- Bar
- Wire
- Sheet
- Plate
- Forgings
- Pipe fittings
- Flanges
- Seamless & Welded pipe
- Seamless Tube & Welded tube
- Weld Rod

ASTM Specifications

ASTM (American Society for Testing and Materials) for various products made out of Hastelloy B-3 are as follow

Pipe Seamless	Pipe Welded	Tube Seamless	Tube Welded	Sheet/Plate	Bar	Forging	Fitting	Wire
B622	B619	B622	B626	B333	B335	B564	B366	–

Chemical Composition, %

Ni	Mo	Fe	C	Co	Cr	Mn	Si
65.0 min	28.5	1.5	.01 max	3.0 max	1.5	3.0 max	.10 max
Ti	**W**	**Al**	**Cu**				
.2 max	3.0 max	.50 max	.20 max				

Mechanical Properties (Annealed Material)

Product	Tensile Min. (ksi)	.2% Yield Min. (ksi)	Elongation Min.
Rod & Bar	125	60	50%
Sheet/Plate	125	60	50%
Welded Pipe & Tube	125	60	50%
Seamless Pipe & Tube	125	60	50%