



Alloy 31

1. Brief introduction:

Alloy N08031 is also a Ni-Cr-Fe alloy with additions of Mo and Cu, but with very low C, P and S.

2. Main specifications:

Alloy	UNS	W.Nr
31	N08031	2.4603

3. Chemical composition under ASTM B581 standard:

Grade	Chemical Composition, %									
	Ni	Cr	Fe	Mo	Cu	Mn	C	Si	S	P
Alloy N08031	30.0-32.0	26.0-28.0	remainder	6.0-7.0	1.0-1.4	≤2.0	≤0.015	≤0.3	≤0.01	≤0.02

Fe element shall be determined arithmetically by difference.

Remarks: If require adjustments for some chemical compositions, pls consult with us.

4. Main product types:

wire, rod, forging, bar, strip, sheet/plate, pipe/tube, fitting.



5. Main produce standards:

Wire, Rod, Bar, Forging	Plate/Sheet/Strip	Pipe/Tube	Fitting
ASTM/ASME B581	ASTM/ASME B582	ASTM/ASME B619 ASTM/ASME B622 ASTM/ASME B626	ASTM/ASME B366

6. Alloy31 Source URL:

<https://www.hitealloy.com/product/alloy-no8031.html>