



UNS No8926

1. Brief introduction:

It's a super-austenitic stainless steel consisting of 6% molybdenum and enhanced by an addition of nitrogen. The nickel and chromium make-up of this alloy make it resistant to a wide range of corrosive conditions.

It's especially resistant to non-oxidizing acids such as sulfuric and phosphoric. The high molybdenum content and nitrogen provide resistance to pitting and crevice corrosion, while copper enhances resistance to sulfuric acid.

It's used in chemical and food processing, paper bleaching plants, marine and offshore platform equipment, air pollution control systems, salt plant evaporators, Condenser tubes, service water pipes and feed water heaters.

2. Main specifications:

INCOLOY	UNS	W.Nr
25-6Mo	No8926	1.4529

3. Chemical composition under ASTM B649-06 standard:

UNS	chemical composition,%										
	Ni	Cr	Fe	Mo	Cu	C	Mn	P	S	Si	N
No8926	24.0-26.0	19.0-21.0	Balance	6.0-7.0	0.5-1.5	≤0.02	≤2.0	≤0.03	≤0.01	≤0.5	0.15-0.25

4. Main product types:

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



5. Main produce standards:

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B649	ASTM B625 ASTM A240/A240M	ASTM B673 ASTM B674 ASTM B677	ASTM B366/B366M-16

6. UNS No8926 Source URL:

<https://www.hitealloy.com/product/uns-no8926-25-6mo.html>