



Alloy C276

1. Brief introduction:

It's Ni-Mo-Cr-Fe-W alloy.

It has excellent corrosion resistance to most corrosive media in the oxidized and reduced state.

It also has excellent resistance to pitting, crevice corrosion and stress corrosion cracking.

It's widely used in the chemical and petrochemical industries, such as in the contact with chloride-containing organic components and catalytic systems. This material is especially suitable for use in high temperature, inorganic and organic acids mixed with impurities, and in seawater corrosive environments.

2. Main specifications:

Chinese	USA	Alloy	W.Nr
NS334	Hastelloy C276	N10276	2.4819

3. Chemical composition under ASTM B574-10 standard:

Grade	chemical composition, %											
	Ni	Mo	Cr	Fe	W	Co	C	Si	Mn	V	P	S
alloy N10276	Remainder	15.0-17.0	14.5-16.5	4.0-7.0	3.0-4.5	≤2.5	≤0.01	≤0.08	≤1.0	≤0.35	≤0.04	≤0.03

4. Main product types:

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



Shanghai Hite Special Alloy Co., Ltd.
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5. Main produce standards:

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B574 ASTM B564 ASTM B462 ASTM B472	ASTM B575	ASTM B619/B619M ASTM B622 ASTM B626	ASTM B366 B366M-16

6. Alloy C276 source URL:

<https://www.hitealloy.com/product/alloy-c276-n10276.html>