

Titanium Grade 2

Commercially pure titanium, Titanium Grade 2, also known as titanium CP3, has excellent corrosion resistance in oxidising media.

Titanium Grade 2 possesses excellent welding properties combined with moderate strength and cold-forming properties.

PRODUCT FORMS

PRODUCT FORM	SIZE RANGE FROM	SIZE RANGE TO
Titanium Grade 2 pipe	0.5 in	4 in
Titanium Grade 2 round bar	10 mm	450 mm
Titanium Grade 2 sheet & plate	0.4 mm	35 mm

Can't find the size you need? **Please contact us at onsales@neonickel.com**

CHEMICAL ANALYSIS

%	C	N	O	H	FE	TI
Min	0	0	0	0	0	Balance
Max	0.08	0.03	0.25	0.015	0.3	Balance

APPLICATIONS

- Condensers
- Evaporators
- Reaction vessels
- Cryogenic vessels

ABOUT TITANIUM GRADE 2

Also known as titanium CP3, Titanium Grade 2, has an alpha crystalline structure. The alloy is widely used because it combines excellent formability and moderate strength with outstanding corrosion resistance. The density of Titanium Grade 2 is approximately 50% that of nickel alloys and stainless steels. Titanium Grade 2 has excellent corrosion resistance in oxidising media, alkali media, organic acids and compounds, aqueous salt solutions and hot gases. The alloy has useful corrosion resistance in nitric acids, mild reducing acids and wet chlorine or bromine gas. In addition, Titanium Grade 2 has outstanding resistance in seawater applications. This combination of features makes Titanium Grade 2 a candidate for a wide range of applications - from marine, oil & gas to chemical processing.

For more information on Titanium Grade 2 [contact us](#), or fill in our online quote form and we'll get right back to you!

SPECIFICATIONS

UNS Number:	UNS R50400
W.Nr.Number:	3.7034, 3.7035
Standards:	ASTM B265, 348, 383, 363, B337, B338