



Tantalum Products

The range of tantalum offered by Firmetal, includes Tantalum (Ta), Tantalum 2.5% Tungsten (Ta2.5W) , Tantalum 10% Tungsten (Ta10W) , Tantalum 40% Niobium (Ta40Nb) etc.

Dimension Available

Available Tantalum and Alloy Products		
Form	Thickness, Dia, Wall	Width, Length
Tantalum Foil	0.002 in. to 0.004 in.	6 in. max. width x coil
Tantalum Sheet	0.005 in. to 0.019 in.	12 in. width x coil
		Wider width available upon request
Tantalum Sheet	0.020 in. to 0.100 in.	36 in. width x 96 length, typical
Tantalum Plate	0.125 in. to 2.000 in.	Width not to exceed 36 in.
		Total weight of finished plate not to exceed 250 lb.
Tantalum Wire	0.005 in. to 0.124 in. dia.	Coil (straight lengths supplied on request from 0.040 in. to 0.124 in., not to exceed 144 in.)
Tantalum Rod	0.125 in. to 0.625 in.	Coil or straight lengths not to exceed 144 in.
	0.626 in. to 3.000 in. dia.	Straight lengths dependent upon length
Tantalum Billet	Nom. 3.5 in.	Length dependent upon weight
Tantalum Tube	0.75 in. OD x 0.065 in wall seamless	Other sizes by request
Tantalum Tube welded	By request	By request
Tantalum Ingot	By request	By request
Tantalum Target	By request	By request
Tantalum Screw	By request	By request
Tantalum Standard Parts	By request	By request

Firmetal Co., Ltd.

China (HQ)

Add: Ocean Towers 550 Yanan Road (East),
Shanghai China 200001

Tel: +86 21 29913850 **Fax:** +86 21 29913852



ASTM Standards: Chemical Requirements for Tantalum

ASTM B364, B365, B521, B708: Chemical Requirements for Tantalum and Tantalum Alloy Ingots (Content, Maximum Weight %)					
Element	Electron Beam Cast (R05200) Unalloyed Ta	Sintered (R05400) Unalloyed Ta	Electron Beam Cast (R05255) 90% Ta 10% W	Electron Beam Cast (R05252) 97.5% Ta 2.5% W	Electron Beam Cast (R05240) 60% Ta 40% Nb
C	0.010	0.010	0.010	0.010	0.010
O	0.015	0.030	0.015	0.015	0.020
N	0.010	0.010	0.010	0.010	0.010
H	0.0015	0.0015	0.0015	0.0015	0.0015
Nb	0.100	0.100	0.100	0.500	35.0-42.0
Fe	0.010	0.010	0.10	0.010	0.010
Ti	0.010	0.010	0.10	0.010	0.010
W	0.050	0.050	9.0-11.0	2.0-3.5	0.050
Mo	0.020	0.020	0.020	0.020	0.020
Si	0.005	0.005	0.005	0.005	0.005
Ni	0.010	0.010	0.010	0.010	0.010
Ta	remainder	remainder	remainder	remainder	remainder

Firmetal Co., Ltd.

China (HQ)

Add: Ocean Towers 550 Yanan Road (East),
Shanghai China 200001

Tel: +86 21 29913850 **Fax:** +86 21 29913852

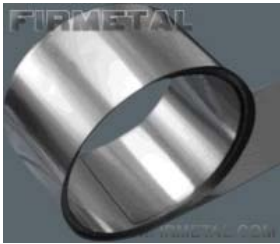


Website: www.firmetal.com

Mail: info@firmetal.com
tech@firmetal.com



Products Show



Tantalum foil



Tantalum pipe



Tantalum wire



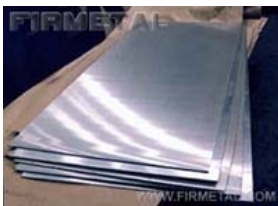
Tantalum ingot



Tantalum screw



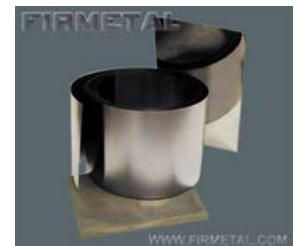
Tantalum screw



Tantalum sheet



Tantalum wire



Tantalum foil

Firmetal Co., Ltd.

China (HQ)

Add: Ocean Towers 550 Yanan Road (East),
Shanghai China 200001

Tel: +86 21 29913850

Fax: +86 21 29913852

FIRMETAL
METAL CHANGE LIFE

Website: www.firmetal.com

Mail: info@firmetal.com
tech@firmetal.com