

COMPANY BROCHURE

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Company Contacts

RHEXON Headquarters in Shanghai

Rhexon Metals Co., Ltd.

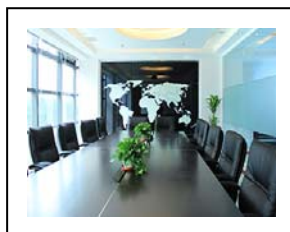
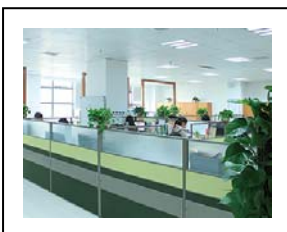
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Company Profile

Rhexon is a leading professional manufacturer of high quality metals, alloys and sputtering targets for a good variety of customers and markets worldwide. Our products mainly consist of Titanium, Zirconium, Tantalum, Niobium, Molybdenum, Tungsten, Nickel and Chromium, available in diversified fabricated forms including sheet, foil, rod, wire, tube and etc. And all of these materials can be extensively found in the industries of aerospace, military, petrochemical, marine, electronics, metallurgy, biomaterial, medical, automobile, prosthetics, constructions and sporting equipment.

Our business expands rapidly throughout the globe. We exported our products to over 30 countries and regions, such as the USA, Canada, Germany, UK, France, Netherlands, Italy, Japan, Korea, India and etc. A large amount of prestigious institutes and companies have established long-term partnerships with us. Sustainable rapid progress has made Rhexon a much more influential role player in the world.

We possess comprehensive production facilities and advanced technologies which enable us to supply an extensive range of consistent quality products available as various shapes. We have set up our own independent laboratory and standardized modern Quality Control systems, which guarantee each single step of the production processes, from choosing the raw materials to the finished products, is under critical inspection. By virtue of ever growing in-house R&D capability, unceasing improvement and technology innovation, Rhexon can meet every customer's multifarious stringent requirements.

Rhexon is also dedicated to sustainable development. As part of this commitment, it conducts an active environmental policy, contributes to regional economic development and is involved in community action. Due to our efforts and excellence, Rhexon has been certified with ISO 9001:2008 and ISO14001. Besides, we are applying for OHSAS18001 and AS/EN/JISQ 9100.

In the past over two decades, except for quality products, in-time delivery and competitive price, we have always been dedicated to provide more and more added-values for our customers. In this way, such competitive advantages will be passed on to every customer and make them be much more predominant in the market.

Rhexon takes customer's success as its primary value. And we are committed to be your reliable and credible global partner by supplying not only high quality products with competitive price and better service, but also tailored industry solutions.

We sincerely welcome you to come and visit. Once you leave an inquiry, you'll be rewarded with a satisfaction and a potential qualified supplier. If you have any interests in our products, we will try every possible means to meet your demanding requirements and needs.

Production Facility



Quality Assurance

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➤ **Quality Certificate**

CERTIFICATE OF REGISTRATION

Certificate No.: 117 13 Q1 0867 ROS
This is to certify the quality management systems of

Rhexon Metals Co., Ltd.


Registered Address 2nd Floor, Red Stone Technology Building,
No. 512 Wenchuan Road, Baoshan,
Shanghai, China

Auditing Address 2nd Floor, Red Stone Technology Building,
No. 512 Wenchuan Road, Baoshan,
Shanghai, China

has been assessed and registered as meeting the requirements of
GB/T19001-2008/ISO9001:2008


Scope of approval

Production and service of Titanium, Tantalum, Niobium,
Molybdenum, Tungsten, Zirconium and their alloys

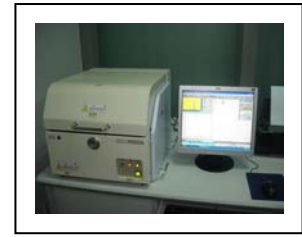
Signed by: 

Approval Date: 07 Nov. 2013
Expiry Date: 06 Nov. 2016

Shanghai Ingeer Certification Assessment Services Co., Ltd.
Certification and Accreditation Administration of P.R.C. (CNCA) R-2003-117
China National Accreditation Service for Conformity Assessment: CNAS C117-Q
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The validation of the certificate can be obtained through www.icasas.com or by calling ICAS' clients' Services Dept. This certificate is only valid when used together with related permits when appropriate. This certificate holder must successfully pass yearly periodical audits to maintain the validity of the certificate after the certificate approval date. The certificate remains the property of ICAS, to whom it must be returned if the management system of the certificate holder is approved to fail to be in conformity with the certification standard.

➤ Lab Overview**Main Products**

Titanium | Zirconium | Tantalum | Niobium | Molybdenum | Tungsten | Nickel | Chromium

Rhexon is a leading professional manufacturer of high quality metals, alloys and sputtering targets for a good variety of customers and markets worldwide. Our products mainly consist of Titanium, Zirconium, Tantalum, Niobium, Molybdenum, Tungsten, Nickel and Chromium, available in diversified fabricated forms including sheet, foil, rod, wire, tube and etc. And all of these materials can be extensively found in the industries of aerospace, military, petrochemical, marine, electronics, metallurgy, biomaterial, medical, automobile, prosthetics, constructions and sporting equipment.

- Titanium & Titanium alloys
- Zirconium & Zirconium alloys
- Tantalum & Tantalum alloys
- Niobium & Niobium alloys
- Molybdenum & Molybdenum alloys
- Tungsten & Tungsten alloys
- Nickel & Nickel alloys
- Chromium & Chromium alloys
- Sputtering targets

Diversified forms are available:

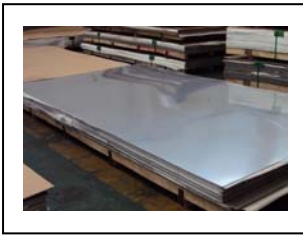


Plate sheet-1

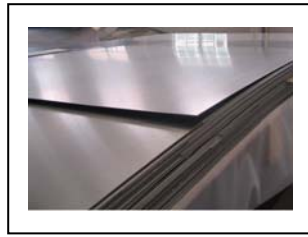


Plate sheet-2



Foil strip-1



Foil strip-2



Rod bar



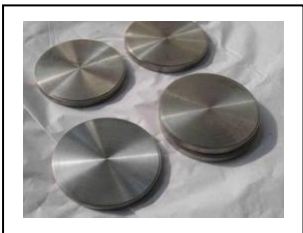
Wire



Tube pipe



Sputtering target



Disc



Ring



Crucible



Nut and bolt

Titanium & Titanium alloys

Titanium plate sheet Titanium foil strip
Titanium rod bar Titanium wire
Titanium tube pipe Titanium disc ring
Titanium flange Titanium nut and bolt
Titanium sputtering target

C.P. Ti (99.95%, 99.995%)

Ti-6Al-4V (GR5)

Ti-6Al-4V ELI (Gr23)

Ti-5Al-2.5Sn (Gr6)

Ti-0.2Pd (Gr7)

Ti-3Al-2.5V (GR9)

Ti-15-3-3-3

Ti-3-8-6-4-4

Ti-6Al-7Nb

Ti/Ni: Shape Memory Alloy

Ti/Nb: for Superconducting applications

For more details about the Titanium products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Zirconium & Zirconium alloys

Zirconium plate sheet	Zirconium foil strip
Zirconium rod bar	Zirconium wire
Zirconium tube pipe	Zirconium sputtering target

Pure Zr (99.95%, 99.995%)

R60702

R60704

R60705

For more details about the Zirconium products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Tantalum & Tantalum alloys

Tantalum plate sheet	Tantalum foil strip
Tantalum rod bar	Tantalum wire
Tantalum tube pipe	Tantalum disc ring
Tantalum crucible	Tantalum nut bolt
Tantalum sputtering target	

Pure Ta (99.95%, 99.995%)

Ta2.5W (Ta-2.5%W, RO5252)

Ta7.5W (Ta-7.5%W)

Ta10W (Ta-10%W, RO5255)

Ta25Nb (Ta-25%Nb)

Ta40Nb (Ta-40%Nb, RO5240)

For more details about the Tantalum products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Niobium & Niobium alloys

Niobium plate sheet	Niobium foil strip
Niobium rod bar	Niobium wire
Niobium tub pipe	Niobium disc ring
Niobium crucible	Niobium nut bolt
Niobium sputtering target	

Pure Nb (99.95%, 99.995%)

Nb-1Zr

Nb-10Zr

Nb-10Hf-1Ti (C-103)

Nb-10W-2.5Zr (Cb-752)

For more details about the Niobium products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Molybdenum & Molybdenum alloys

Molybdenum plate sheet	Molybdenum foil strip
Molybdenum rod bar	Molybdenum wire
Molybdenum tube pipe	Molybdenum disc ring
Molybdenum crucible boat	Molybdenum nut bolt
Molybdenum sputtering target	

Pure Mo (99.95%, 99.995%)

Mo-Cu (Mo-30%Cu, Mo-40%Cu, Mo-50%Cu)

Mo-W (Mo-30%W, Mo-35%W)

Mo-La (Molybdenum-Lanthanum oxide, Mo-0.7%La₂O₃)

TZM alloy (High Temperature Alloy, Mo-Ti_{0.5}-Zr_{0.08}-Co_{0.02})

TZC alloy (Mo-Ti_{1.2}-Zr_{0.3}-Co_{0.1})

Mo-Re (Mo-5%Re, Mo-41%Re, Mo-50%Re)

For more details about the Molybdenum products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Tungsten & Tungsten alloys

Tungsten plate sheet	Tungsten foil strip
Tungsten rod bar	Tungsten wire
Tungsten tube pipe	Tungsten disc ring
Tungsten crucible boat	Tungsten nut bolt
Tungsten sputtering target	

Pure W (99.95%, 99.995%)

W-Cu (W-10%Cu, W-15%Cu, W-20%Cu, W-25%Cu, W-30%Cu)

W-Ni-Fe (W90%-Ni-Fe, W92.5%-Ni-Fe, W95%-Ni-Fe, W97%-Ni-Fe)

W-Ni-Cu (W90%-Ni-Cu, W92.5%-Ni-cu, W95%-Ni-Cu)

W-La (Tungsten-Lanthanum oxide, WL10, WL15, WL20)

W-Re (Tungsten-Rhenium, W-3%Re, W-5%Re, W-25%Re, W-26%Re)

For more details about the Tungsten products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Nickel & Nickel alloys

Nickel plate sheet	Nickel foil strip
Nickel rod bar	Nickel wire
Nickel tube pipe	Nickel sputtering target

Pure Ni (99.95%, 99.995%)
Ni-Ti
Ni-Cu
Ni-Cr (Ni-20%Cr, Ni-30%Cr)
Ni-V (Ni-7%V)

For more details about the Nickel products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Chromium & Chromium alloys

Pure Cr (99.95%, 99.995%)
Al/Cr (70:30,50:50at%)
Ni/Cr (Ni-20%Cr, Ni-30%Cr)

For more details about the Chromium products, please check <http://www.rhexon.com>, or contact RHEXON at info@rhexon.com

Sputtering target

Pure Metal:

Ti, Zr, Ta, Nb, Mo, W, Ni, Cr, Al, Zn, Si, Cu

Typical alloy:

- 1) Ti/Al (67:33,50:50at%)
- 2) W/Ti(90:10wt%),
- 3) Ni/V (93:7)
- 4) Ni/Cr(80:20, 70:30),
- 5) Al/Cr(70:30,50:50at%)
- 6) Nb/Zr(97:3,90:10wt%)
- 7) Si/Al(90:10wt%)
- 8) Zn/Al

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