



G Tech Systems Group Inc.

Torrey Hills Technologies, LLC.
 A Company of G Tech Systems Group, Inc.
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Torrey Hills Technologies' Molybdenum and Tungsten Products



Molybdenum and tungsten products are supplied by our ISO9001:2000 certified factory located at the bulk of the world's molybdenum and tungsten source. Our strategic location gives us access to high-quality raw material from the source, and our highly qualified engineers ensure we supply only the best products to our customers' demanding requirements.

Our products are widely used in aviation, aerospace, nuclear high-temperature furnace, glass, ceramic, crystal production, medical, illumination and vacuum sputtering etc...

We supply plates, rods and strips made of tungsten, molybdenum, tantalum, niobium and their alloy products like copper tungsten, copper molybdenum.

Typical Molybdenum Products



Mo Rods



Mo Plates



High Temp Crucibles

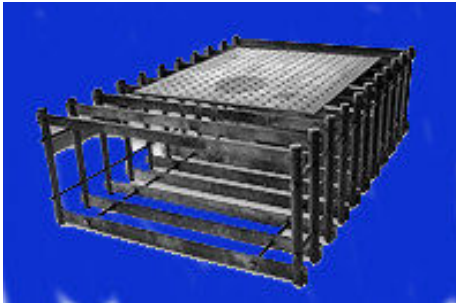
Typical Specifications for Molybdenum Plates

| Thickness (inch) | Width (inch) | Length (inch) |
|--|--------------|---------------|
| 0.008±0.001 | 20.0±0.12 | 40.0±0.2 |
| 0.012±0.0012 | 24.0±0.12 | 40.0±0.2 |
| 0.016±0.0012 | 20.0±0.12 | 40.0±0.2 |
| 0.020±0.0016 | 20.0±0.12 | 40.0±0.2 |
| 0.040±0.002 | 20.0±0.12 | 40.0±0.2 |
| 0.060 ±0.0032 | 20.0±0.12 | 40.0±0.2 |
| 0.800±0.004 | 20.0±0.12 | 40.0±0.2 |
| Surface conditions: 1. Cold rolled; 2. Vacuum annealed | | |

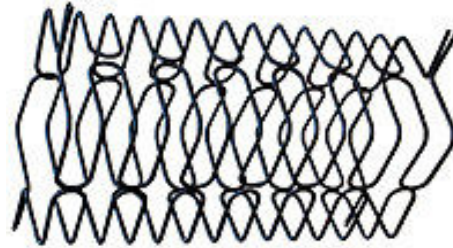
Typical Specifications for Molybdenum Rods

| |
|--------------------------------------|
| Mo and Alloy Rod: Mo, MoW20,TZM, HPM |
| Diameter: from 0.12" to 4.7" |
| Length: up to 120" |
| Standard: ASTM B-387-90 |

Molybdenum Products for High Temperature Furnaces



Mo Racks



Mo Heating Elements

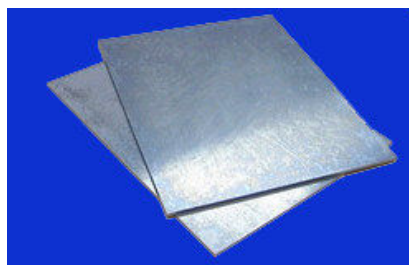


Wire Type and U Shape Mo Heating Elements (shown installed in a customer's furnace)

Typical Tungsten Products



W Rods



W Plates



High Temp Crucibles



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Typical Specifications for W Plates

| Thickness (inch) | Width (inch) | Length (inch) |
|---|--------------|---------------|
| 0.008±0.001 | 8.0±0.12 | 32.0±0.12 |
| 0.012±0.0012 | 8.0±0.12 | 24.0±0.12 |
| 0.016±0.0016 | 8.0±0.12 | 24.0±0.16 |
| 0.020±0.0016 | 8.0±0.12 | 24.0±0.16 |
| 0.040±0.003 | 8.0±0.12 | 20.0±0.16 |
| Surface conditions: 1. Acid Cleaned; 2. Vacuum annealed | | |

Typical Specifications for W Rods

| W Rod: W |
|-------------------------------|
| Diameter: from 0.12" to 1.96" |
| Length: up to 120" |
| Standard: ASTM B-387-90 |

W Products for High Temperature Furnaces



Wire Type W Heaters



Plate Type Tungsten Heaters



Mesh Type Tungsten Heaters