

Targets & Evaporation Materials

Titanium and Titanium Alloys

robeko supplies high quality Ti targets with purity grades ranging from 99.2 (grade 1-2) to 99.99 % and Ti alloys like TiAl36/TiAl50.

- ✔ 100 % density = 4.51 g/cm³
- ✔ Enhanced mechanical properties
- ✔ Uniform grain size distribution
- ✔ Small grain sizes

Target size – PLANAR

- ✔ Single piece up to 3.800 mm
- ✔ Monolithic target
- ✔ Alternatively Ti tiles bonded onto backing plate
- ✔ Manufactured to customer specifications

Target size – ROTATABLE

- ✔ Tube length up to 3.800 mm
- ✔ Ti thickness 10–15 mm
- ✔ Monolithic target tube with customized target end flanges

Applications

- ✔ Tribological layers
- ✔ Antireflective layers

Nickel Chromium

- ✔ Purity 99.5–99.95 %
- ✔ Uniform grain size distribution
- ✔ Small grain sizes

PLANAR

- ✔ Single piece up to 3.800 mm
- ✔ Monolithic target or bonded onto backing plate

ROTATABLE

- ✔ Single piece up to 3.800 mm

Applications

- ✔ Tribological layers
- ✔ Buffer layers

