Our products are utilized in a broad spectrum of industries. Tiodize's newly developed components made from composites show our commitment to the advancement of state of the art tribophysics. A full range of advanced products developed by Tiodize since 1966, is listed below.

**HARDTUF™**
A “PTFE” impregnated aluminum oxide coating
Its Mil Spec number is MIL-A-63576.

**TIODIZE PROCESS**
An electrolytic process which prevents galling and premature wear to the surfaces of titanium and its alloys.

**TIOLOLON**
A family of PTFE fluorocarbon resin bonded coatings which are used as lubricants or mold releases.

**TICOMP**
A high gloss, high build, elastomeric coating for protection of metal surfaces exposed to abrasive wear while providing galvanic corrosion protection.

**TUFTHANE**
A high build, elastomeric coating for protection of metal surfaces exposed to galvanic corrosion in graphite composites.

**Manufacturers of advanced composites**
Tiodize has developed a wide range of composite products made from carbon or glass fibers, containing an epoxy or polyimide resin. Tiodize can make most component parts to your specifications. Let us meet your needs.

**CHANNELLITE® COMPOSITE GANG CHANNEL**
These gang channels are made from glass or carbon fibers. Passes MIL-N-25027 minimum torque out and push out tests.

**FIBERLITE® COMPOSITE FASTENERS**
New all composite fasteners which exhibit shear and tensile strengths comparable to aluminum.

**ALUMAZITE “Z”**
A family of aluminum pigmented coatings which inhibits galvanic corrosion

**ULTRA VE-17**
A thermal control black coating which provides the desired thermal absorptivity and emissivity in outer space.

**TRIBO/COMP 72F**
Self lubricating composites
This unique composite material has a coefficient of .04 to .06 and low creep when exposed to 30,000 psi leads at 600°F.

**HIVLITE® COMPOSITE RIVETS**
These all composite rivets can be inserted and installed in less than 15 seconds.