Please contact us to discuss your Seamless Pipe, Tube, Fittings and Wire needs. We manufacture pipe and tubing products from 1 1/2” OD to 14” OD to ASTM, ASME and PED codes.
Nu-Tech Precision Metals is a major manufacturer of custom extruded shapes and seamless pipe in a wide variety of specialty metals and alloys. Since 1955, we have gained worldwide recognition as a trusted manufacturer of specialty metal extrusions, machined parts and welded assemblies. Our quality assurance programs and in-house NDE meet strict nuclear and aerospace standards.

Nu-Tech’s extrusion process creates “near-net” shapes that reduces material and machining costs overall. Raw materials are encased and sealed in a protective jacket prior to being heated to a uniform temperature under controlled conditions. This proprietary process provides the following advantages:

- Low Hydrogen Levels
- Low Oxygen Levels
- No Alpha Case
- Extremely consistent micro structures and mechanical properties on a “part-to-part” basis
- 6Al-4V Beta processing to AMS 4935 or Alpha-Beta processing to AMS 4928 or ASTM B348
- Processing parameters can be modified to suit your specific product requirements

Nu-Tech specializes in the custom extrusion of the following metals:

- All grades of titanium including 6Al-4V
- Zirconium
- Aluminum Alloys
- Carbon Steel
- Copper Alloys
- Niobium
- Stainless Steel

We specialize in the production of shapes, seamless pipe, tube, fittings, bar, rod and wire. We also produce clad metals using 2 or more different materials.

We manufacture complex, precision metal components for a wide variety of markets including:

- nuclear
- aerospace
- medical
- chemical
- mining
- metal sputtering
- marine

We extrude standard and unique shapes such as:

- Angles
- Channels
- Tees
- Straight & Contoured Flats
- I-Beams
- Hollow Squares & Octagons

We produce clad metals using 2 or more different materials.

Markets Served

- nuclear
- aerospace
- medical
- chemical
- mining
- metal sputtering
- marine

Extruded Shape Design Guidelines

1. Your component must fit entirely within a 12 inch (300 mm) circle
2. The minimum area that can be extruded is 0.1 square inches (25.8 mm²)
3. The minimum section thickness is 0.2 inches (5mm)
4. Extruded lengths of up to 90 feet (27m) are possible