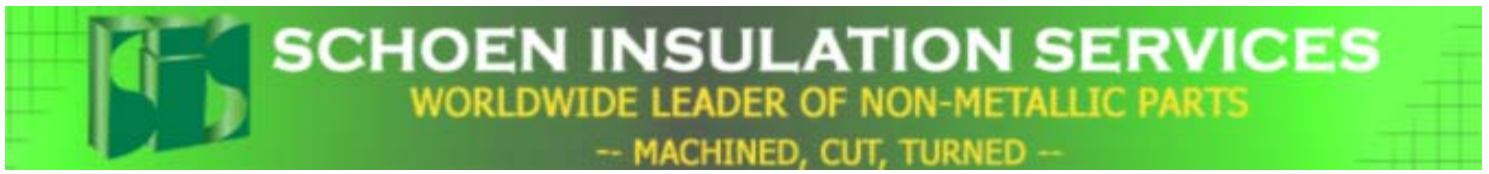


## MANUFACTURED PARTS





## **COMPANY INFORMATION**

Schoen Insulation Services, founded in 1989, is the national leader in the manufacturing of non-metallic machined parts. Our commitment to quality and customer service has expanded our business world-wide.

Our full line of manufacturing equipment coupled with our highly qualified, professional staff are ready to meet your most complex engineering needs. Precision and excellence is guaranteed each time/every time via computer aided design and computer controlled machinery.

### **Mission Statement:**

To be the low cost provider of non-metallic machined, turned & cut parts in the world.

### **Quality Statement:**

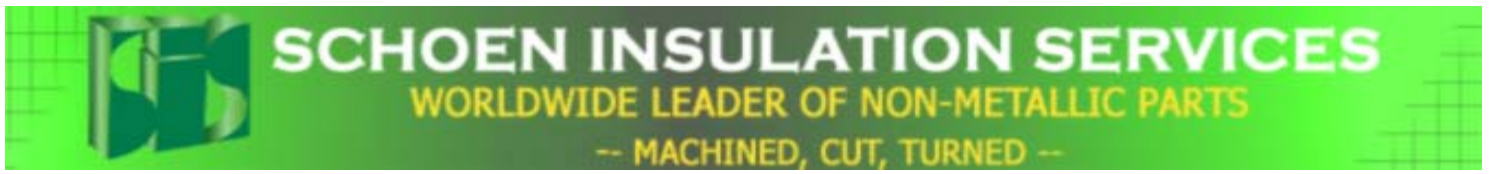
Schoen Insulation Services' quality mission is 100% good parts 100% of the time. With this in mind, we are operating an ISO 9002 qualified system (certified number A1180US). We have invested heavily into new, state-of-the-art CNC vertical machining centers, lathes, saws, etc. in order to insure consistent accuracy. Furthermore, we have CAD/CAM capabilities to assist in the most difficult of applications.

### **Service Statement:**

24/7 is our way of life. Whatever needs to be done, will be done. Period. Schoen Insulation Services has the ability to turn parts around faster than anyone in the industry based on the quantity and quality of our equipment, our manufacturing processes and our philosophy of doing business – A Sense of Urgency

### **Production Statement:**

From a run of one to runs of thousands; from parts a fraction of an inch to parts that are over 250" long; from a simple cut part to complicated 4 or 5 axis work – Schoen Insulation Services can produce the part(s) either on one of its 2 shifts, 7 days a week. We have state-of-the-art vertical machining centers, routers, lathes, saws, shears, moulders, sanders, ovens, etc. We will out produce anyone, anytime, anywhere.



## **MATERIALS USED**

### **Thermosets**

- G11, G10, FR4
- Canvas: CE, C, Post Bake, Low Shrink
- Linen: L, LE
- GPO1, GPO2, GPO3
- Thermalate/Glasstherm
- Paper: X, XX, XXX, LPF
- Cryogenic
- Other

### **Thermoplastics**

- Lexan
- UHMW
- Delrin
- Nylon
- PVC
- Acrylic
- Teflon
- HDPE/LDPE
- Rulon
- Ertalyte
- Polypro
- ABS
- Flourosint
- ULTEM

### **Other**

- Nomex
- Mylar
- Wood

### **Material Supplier Website Links**

Micarta: [www.micarta.com](http://www.micarta.com)

Glastic: [www.glastic.com](http://www.glastic.com)

Haysite: [www.haysite.com](http://www.haysite.com)

Westlake: [www.westlakeplastics.com](http://www.westlakeplastics.com)



# SCHOEN INSULATION SERVICES

WORLDWIDE LEADER OF NON-METALLIC PARTS

-- MACHINED, CUT, TURNED --

## INDUSTRIES SERVED

### Power Generation

#### Capabilities

- Machined Parts (up to 60" x 120")
- Quick Turnaround Machined Parts (up to 50" in diameter)
- Turned Parts (up to 24" in diameter)
- Cut to Size Parts
- 24/7 Service
- ISO9002 Quality
- Reverse Engineering
- Wedge Machine

#### Materials

- G11
- G10/FR4
- Canvas: Post Bake, Low Shrink, C & CE
- Ripple Springs: Top & Side
- Filler: Top & Side
- GP01, GP02, GP03
- Nomex

#### Parts

- Rotor Blocking
- Creepage Blocks
- Subslot Covers
- Pole Collars
- End Turn Insulation
- Retaining Ring Insulation
- Temp Wood Blocking
- Stator Support Blocks
- Stator Wedges
- Stator Filler

### Transportation: AirCraft, Locomotive, Subway, Other

#### Capabilities

- Machined Parts (up to 60" x 120")
- Quick Turnaround Machined Parts (up to 50" in diameter)
- Turned Parts (up to 24" in diameter)
- Cut to Size Parts
- 24/7 Service
- ISO9002 Quality
- Reverse Engineering

#### Materials

- Canvas
- Linen
- GP01, GP02, GP03
- EMD
- G10/FR4
- G11
- Lexan

#### Parts

- Aircraft Window Frames
- Traction Motor Wedges
- Traction Motor Pole Washers
- Windows
- Blocking

### TIRE, MOLD & PRESS INSULATION

#### Capabilities

- Machined Parts (up to 60" x 120")
- Quick Turnaround Machined Parts (up to 50" in diameter)
- Turned Parts (up to 24" in diameter)
- Cut to Size Parts

#### Materials

- Thermalate
- UHMW
- Glasstherm Parts
- Canvas.
- G3, G11
- Other

#### Parts

- Top & Bottom Press Platen Insulation
- Spacers
- Squeeze Cylinders
- Pusher Cams
- Plastic HDPE Rack Supports



# SCHOEN INSULATION SERVICES

WORLDWIDE LEADER OF NON-METALLIC PARTS

-- MACHINED, CUT, TURNED --

- 24/7 Service
- ISO9002 Quality
- Reverse Engineering

- Guide Rails
- Mold Change Safety Blocks
- Injection Mold Insulators
- Compression Mold Insulators
- Gasket Mold Insulators

## OEM: Medical, Other

### Capabilities

- Machined Parts (up to 60" x 120")
- Quick Turnaround Machined Parts (up to 50" in diameter)
- Turned Parts (up to 24" in diameter)
- Cut to Size Parts
- 24/7 Service
- ISO9002 Quality
- Reverse Engineering

### Materials

- G10/FR4
- Canvas
- G11
- Cryogenic
- Ultem
- Paper
- UHMW
- Nylon

### Parts

- X-Ray Boards
- Processing Rollers
- M.R.I. Component Parts
- Cryogenic Neck Tubes

## OEM: Packaging, Conveyors, Other Food

### Capabilities

- Machined Parts (up to 60" x 120")
- Quick Turnaround Machined Parts (up to 50" in diameter)
- Turned Parts (up to 24" in diameter)
- Cut to Size Parts
- 24/7 Service
- ISO9002 Quality
- Reverse Engineering

### Materials

- UHMW
- Nylon
- Delrin
- HDPE/LDPE
- Canvas
- G10/FR4
- Teflon
- Other
- G-7
- PVC
- RULON
- Other

### Parts

- Guide Rails
- Bushings
- Gears
- Washers
- Machine Guards
- Rollers
- Gaskets
- Star Wheels
- Filling Nozzles
- Impact Beds
- Filling Cups: Upper & Lower
- Large Cams
- Chain Guides
- Timing Wheels
- Large Diameter Rings