

## CUSTOM INSULATION, HEAT SHIELDING, & FIRE PROTECTION

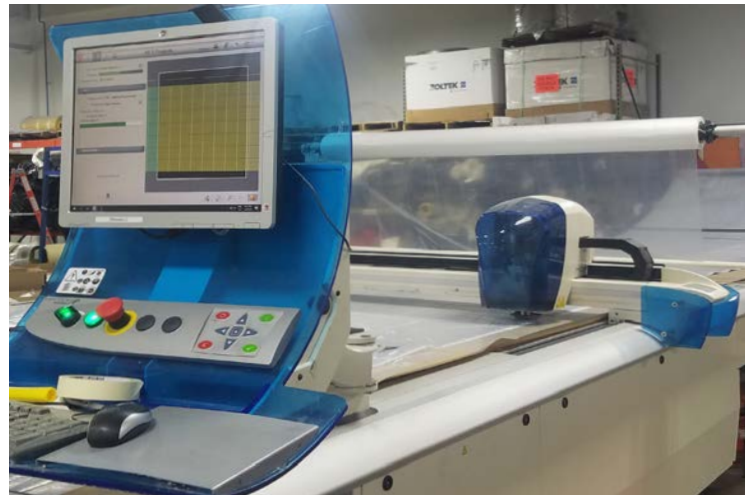


Newtex offers world-class fabrication services that include design, pattern making, digital cutting, and complex industrial sewing. Utilizing our more than four decades of experience in manufacturing and our extensive portfolio of Newtex and 3M Nextel™ high temperature fabrics and materials, we offer unmatched custom fabricated systems for the most challenging high temperature environments. If your systems call for gaskets, seals, insulation, or heat shields that need to withstand temperatures up to 2300°F / 1260°C, Newtex is your high temperature advantage.

### Fabrication Capabilities

Newtex has fabrication facilities in Rochester, New York and Rancho Cucamonga, California. Our bi-coastal capabilities include:

- Engineers to assist in material selection and design
- Pattern & design services utilizing AutoCAD
- Digital cutting and sewing equipment
- On-demand prototyping capabilities
- In-house laboratory and testing facilities
- Highly trained, experienced sewers



### Custom Fabricated Products

- Tube seals including bellows, tadpole seals, box seals, gang seals, and cone seals
- Insulation jackets including turbine covers, pipe and tank covers, and turbo covers
- Fabric expansion joints, expansion pillows, and stress relieving pads
- Heat Shields including engine covers, automotive sleeving and floor mats, and equipment covers
- Fire curtains & fire containment covers to isolate fires in buildings, warehouses, and aboard aircraft and ships
- High temperature gaskets including oven door gaskets, flange gaskets, muffler gaskets, and tadpole gaskets
- **Have a more unique need? We'd welcome the opportunity to discuss your challenge!**

**Material Options Include:** Zetex® and ZetexPlus® fiberglass fabrics and mat insulation, ceramic fabric and mat insulation, 3M Nextel™ ceramic products, Z-Flex® aluminized fabrics, Z-Block™ proprietary fire retardant materials, silica, aramid, carbon fiber, PTFE, silicone, acrylic, basalt, leather, and wool materials. Newtex's experienced Sourcing team can efficiently source additional materials when necessary.

Newtex has managed an extensive variety of custom high temperature fabrications. Below is a sampling of previous projects.



*Cone Seal*



*Humvee Exhaust Shield*



*Oven Blanket*



*Tadpole Gaskets*



*Bellow Tube Seal*



*Tube Seal*



*Kevlar Bellows*

# **NEWTEX**

## **Headquarters**

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For more than 40 years, Newtex has been a pioneer and leading global producer of high temperature materials and engineered solutions for thermal management and fire protection. Headquartered in Rochester, New York, Newtex is an ISO 9001:2015 certified, vertically integrated manufacturer of an impressive portfolio of textiles and fabricated systems for insulation and fire containment. Globally recognized textile brands include ZetexPlus®, Z-Flex®, and Z-Block™. Newtex is a minority owned, veteran-managed business that has served the US Military and leading global industries since 1978. Newtex products are proudly made in the USA.

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