**W.F. Lake Corp.** manufactures its PTFE coated S-2 glass fiber sewing thread from high purity, very fine continuous filament yarns. Our SGT-series thread reduces seam failure due to thermal shock & exposure and offers excellent tensile strength even at 1400 deg. Fahrenheit! Our uniform PTFE coating completely encapsulates the thread, enhancing resistance to buildup of contaminants and repelling attack by most acids and alkalis. W.F. Lake’s sewing thread will not support combustion, will not burn and is UV stable. In addition, the smooth coating improves handling characteristics, abrasion resistance and sewability.

**Features**
- Extreme Temperature Resistance
- High Tensile Strength
- Good Knot Breaking Strength
- Uniform PTFE coating
- Balanced Twist
- High Temperature Stability

**Benefits**
- Chemical Resistance
- Minimal Buildup of Contaminants
- Excellent Sewability
- Thermal Shock Resistance
- Flexibility to 1400 deg. F
- Minimize strip-back and untwisting

**Product Data**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>SGT-12</th>
<th>SGT-18</th>
<th>SGT-24</th>
<th>SGT-27</th>
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</thead>
<tbody>
<tr>
<td>Thread Style</td>
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<tr>
<td>Coating Type</td>
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<td>Coating Percentage</td>
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<td>15</td>
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<td>15</td>
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<tr>
<td>Yield (yards/lb nom.)</td>
<td>2950</td>
<td>1975</td>
<td>1475</td>
<td>920</td>
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<tr>
<td>Tensile Strength (lbs)</td>
<td>20</td>
<td>25</td>
<td>29</td>
<td>40</td>
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<tr>
<td>Diameter (nom. inches)</td>
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<td>0.019</td>
<td>0.023</td>
<td>0.031</td>
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<td>Final Twist</td>
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<td>“Z”</td>
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<td>Color</td>
<td>- -</td>
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<td>Serving Package:</td>
<td>King Spool</td>
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<tr>
<td>Approx. Net Wt.:</td>
<td>2 lb/spool (others available)</td>
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<td>Operating Temp:</td>
<td>1400 deg. F (760 deg. C) (PTFE Coating to 600 deg. F)</td>
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</tbody>
</table>

1400 deg. Fahrenheit!

760 deg. Celsius!

Also available with stainless steel wire twisted in!

**Applications:**
- High Temperature Textiles
- Thermal Insulation Pads
- Gasketing
- Kiln Seals
- Fire Resistant Composites
- Welding Curtains
- Safety Spray Shields

**W.F. Lake Corp.**
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Glens Falls, NY 12804
Customer Service: (800) 428-1162
Tel: (518) 798-9934
Fax: (518) 798-9936

www.wflake.com
W.F. Lake Corp. manufactures high performance PTFE and Silicone coated products designed for extreme operating environments. Our non-stick, temperature and chemical resistant materials are uniquely suited for a wide variety of specialized industrial applications in a number of diverse industries. By combining our broad based in-house processing and converting capabilities, we are able to offer you creatively engineered products especially suited to your application. Give us a call to discuss your material needs... we’re ready to help!

We manufacture the industry’s widest range of PTFE Coated Fiberglass products!

PTFE Coated …
Fabrics
Adhesive Tapes
S-2 Glass Fabrics
Kevlar* Fabrics
High Temperature Belting
Braided Draw Cords
Braided Lacing Tapes
Yarns
E-Glass Sewing Thread
S-2 Glass Sewing Thread (1400 deg. F)
Kevlar* Sewing Thread
Quartz Sewing Threads (2000 deg F !!!)