ISO 9001-2000 Certified

Specialty Products, Inc.
High Temperature Insulation Textiles

Insulation Textiles & Accessories for Industry

Felts & Blankets
Treated Fabrics
Accessories
Threads
Hogrings

ISO 9001-2000 Certified

Other Lewco Products

We believe our products and services must be:

- PRODUCED SAFELY
  Our products and services are produced safely and in a safe work environment.
- HIGH QUALITY
  Our Service is courteous and professional. Our Products are manufactured under a Quality Management System certified as conforming to requirements defined in the ISO 9001:2000 Standard.
- COMPETITIVE
  Our products and services provide exceptional value for our Customers.
- DELIVERED ON TIME
  An inventory of finished products is maintained to meet our Customers' delivery requirements.
- CONTINUALLY IMPROVED
  We will work together to continually improve all aspects of our business. We will strive to meet or exceed our Customers' expectations. Lewco is committed to continually improving our products, services and the effectiveness of the Quality Management System to make our Customers totally satisfied.

Fabrics for Hot Works Safety
Ceramic Fiber
Gasketing and Packing Products
Woven and Coated Fabrics
Cold Face Fabrics
1. Silicone Impregnated Fiberglass & Silica 500°F
2. PTFE/Teflon® Impregnated Fiberglass 550°F
3. Alum Foil/Film Laminated Fiberglass 450°F
4. Plain & Texturized Fiberglass 1,000°F
5. Stainless Steel Knitted Blanket Mesh 1,500-2,000°F

Hot Face Fabrics
1. Silicone Impregnated Fiberglass & Silica 500°F
2. PTFE/Teflon® Impregnated Fiberglass 550°F
3. Alum Foil/Film Laminated Fiberglass 750°F
4. Plain & Texturized Fiberglass 1,000°F
5. Vermiculite Coated Fiberglass 1,000°F
6. Silica 1,500-1,800°F
7. 304 SS Foil 1,500°F
8. Inconel® Foil 2,000°F
9. 304 SS Blanket Mesh 1,500°F
10. Inconel Blanket Mesh 2,000°F

Blanket Insulation
1. Foams (Flexible, Closed Cell Elastometric) 300°F
2. Needled E Glass Blanket 1,200°F
3. Needled E Glass/Silica Composite Blanket 1,500°F
4. Needled Silica Blanket 1,800°F
5. Ceramic Fiber Blanket-RG 2,300°F

Threads
1. Nomex® 480°F
2. Kevlar® 380°F
3. Plain Fiberglass 750°F
4. Teflon® Coated Fiberglass 750°F
5. Teflon® Coated Quartz 1,500°F
6. Stainless Steel 1,500°F
7. Inconel 2,000°F

Hogrings and Staples
1. Galvanized 1,000°F
2. Stainless Steel 1,500°F
3. Inconel® 2,000°F

Accessories
1. Belting
2. Buckles
3. Velcro
4. Lacing Hooks
5. Quilting Pins
6. Draw Cord
7. Tie Wire
8. SS I.D. Tags
9. Grommets
10. Two-Hole Washers
11. Zinc, SS, O Rings

How much can you save using Removable / Reusable Insulation?
Calculate your losses at: http://www.insulation.org/

Lewco has over 25 years experience manufacturing materials for removable/reusable insulation jackets. We are the fabricators' choice when it comes to fine non-woven needled insulation mat and high-temperature coated fiberglass fabrics. We also sell a full-line of threads, polybelting, velcro, metal mesh, fiberglass tapes, and accessories.

Please contact us for more information and a list of our distributors.

Technical Information
High Temperature Felts & Blankets

E Glass Felts & Blankets
Lewco E Glass Felts and Blankets are composed of 100% select-grade type “E” glass fibers needled together into blanket form. It is INCOMBUSTIBLE, ASBESTOS-FREE and contains NO RESINOUS OR INORGANIC BINDERS. Lewco Glass Mat can be used on equipment operating at temperatures to 1200°F and will not deteriorate or shake apart in vibrating applications. Conforms to Mil. Spec. Mil-I-16411, Mil-I-24244, ASTM E-84. Smoke -O, Flame -O NRC-1.36.

Silica Felts & Blankets
Lewco Sil Felts and Blankets insulation is manufactured using 98% pure textile grade silica fiber needled together into blanket/felt form. Lewco Sil blanket base fiber is made through a hot extrusion process yielding a 6-11 micron, non-respirable fiber. This fiber is then processed to maximize thermal efficiency. Lewco Sil Mat is INCOMBUSTIBLE, ASBESTOS FREE, NON-RESPIRABLE, and contains no INORGANIC or RESINOUS BINDERS. Typical applications include engine exhaust system insulation, hot industrial equipment insulation, and many others. Maximum continuous temperature is 1800°F.

Silica/Fiberglass Composite Blankets
Lewco can combine our Silica and Fiberglass insulation felts into needled composites that for many insulation applications can give customers the pricing advantage of Fiberglass with the high temperature properties of Silica fiber. Lewco can combine these two different felts into various thickness combinations to meet customer requirements. These insulation felt and blanket composites are strong enough to give long life in tough, difficult applications. Applications include Stress Relief blankets, Removable/Reusable Insulation for high noise level, high maintenance, high vibration and high temperature equipment or engine exhaust systems.

Ceramic Fiber Products/Blankets
Lewco Refractory Ceramic Fiber products have a temperature grade of 2300°F. Lewco Ceramic Fiber Products feature a broad family of products that include Bulk Fiber, Needle Felted Blanket, Paper and Textiles. The products are ideal for High Temperature furnaces, filtration, gasket applications, stress relieving and other refractory applications.

Typical Properties

<table>
<thead>
<tr>
<th></th>
<th>Silica</th>
<th>Fiberglass</th>
<th>Ceramic Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>3000°F</td>
<td>1523°F</td>
<td>2900°F</td>
</tr>
<tr>
<td>Maximum Continuous Operating Temperature</td>
<td>1800°F</td>
<td>1200°F</td>
<td>2300°F</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>&lt;7%</td>
<td>(Continuous 1800°F)</td>
<td>——</td>
</tr>
<tr>
<td>Thickness</td>
<td>¼”, ½” &amp; 1”</td>
<td>¼” - 1½”</td>
<td>½”, 1”, 1½”, 2”</td>
</tr>
<tr>
<td>Roll Width</td>
<td>60”</td>
<td>30” &amp; 60”</td>
<td>24” &amp; 48”</td>
</tr>
<tr>
<td>Roll Length</td>
<td>Various Lengths Available</td>
<td>Various Lengths Available</td>
<td>Various Lengths Available</td>
</tr>
<tr>
<td>Density</td>
<td>½”, 8 lbs/cu.ft.</td>
<td>½”, 9 lbs/cu.ft.</td>
<td>1”, 10 lbs/cu.ft.</td>
</tr>
</tbody>
</table>

Thermal Conductivity (K-Factor)
BTU, in./ft2, HR.°F

<table>
<thead>
<tr>
<th>Temp °F</th>
<th>E-Glass 6# Density</th>
<th>E-Glass 10# Density</th>
<th>Silica 10# Density</th>
<th>RG 2300 8# Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>0.292</td>
<td>0.350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>0.350</td>
<td>0.480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>700</td>
<td>0.445</td>
<td>0.640</td>
<td>0.530</td>
<td></td>
</tr>
<tr>
<td>900</td>
<td>0.780</td>
<td>0.855</td>
<td>0.700</td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td></td>
<td>1.115</td>
<td>1.000</td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td></td>
<td>1.425</td>
<td>1.320</td>
<td></td>
</tr>
<tr>
<td>1800</td>
<td></td>
<td>1.820</td>
<td>1.780</td>
<td></td>
</tr>
</tbody>
</table>
High Temperature Fabrics

Silicone Impregnated Fiberglass Fabrics
Silicone Impregnated Fiberglass Fabrics excel in High Temp. Applications. Silicone adds abrasion resistance and water proofing to the fabrics. These fabrics are good for making insulation jacketing. Max. continuous temp. to 500°F.

PTFE Impregnated/Laminated Fiberglass Fabrics
PTFE impregnated fiberglass/films are very good high temp. hostile chemical-resistant fabrics. PTFE is inert against most acids and bases. Other PTFE laminates and film are available upon request. Continuous Temp. Max 550-600°F.

Texturized/Untexturized Fiberglass Fabrics
Type E Grade Fiberglass makes an ideal, cost-effective fabric for normal use to 1000°F. Bulk texturizing is very good to increase thickness for insulation applications. Vermiculite & HT Carmelizing available.

Lewco Silica Fabrics
High purity, non-respirable Silica Yarn is used to make a good, cost-effective fabric. LTP useful tensile strength to 1500°F. Melt Point: 3000°F. HTP useful tensile strength to 1800°F. Melt Point: 3000°F.

Aluminized Fiberglass Fabrics
Aluminum Foil and Film laminated to Fiberglass Fabric creates an excellent vapor barrier against moisture or other fluids. Max. continuous temp. to 450°F.

Stainless Knitted Blanket Mesh & Foil
Blanket mesh should be a consideration in Removable/Reusable Insulation applications above 500°F. Blanket Mesh is a very flexible, circular knitted web made from a variety of grades of 0.008", 0.0095", 0.011" SS wire. LEWCO Stainless Steel Foil is a high strength, low weight material used in a variety of applications and offers good corrosion resistance.

Acoustical Barriers
Lewco’s acoustical noise barriers are flexible, tough, high-density, vinyl films possessing high tensile and tear resistance. Those products must be positioned so to keep the temperature exposure below 180°F.
Sewing Threads and Drawcords

Lewco stocks a variety of high temperature, chemical-resistant Threads and Drawcords. Nomex®, Kevlar®, Fiberglass, Quartz and Stainless Steel Threads and Drawcords. Please contact Lewco for more information.

Hogring{} and Tools

Lewco stocks the Spenax Pneumatic & hand-operated Hogring tools & Stainless and Galvanized staples. Lewco also offers a tool repair service for insulation customers. Please contact Lewco for more information.

Fastening, I.D.’s and Accessories

Lewco maintains a good inventory of Belting, Buckles, Lacing Anchors, Quilting Pins, ID Tags and other materials that help complete the fabricated system.

### Threads

<table>
<thead>
<tr>
<th>Sewing Threads</th>
<th>Styles</th>
<th>Thickness</th>
<th>Brk. Strn.</th>
<th>Temp</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teflon Coated fiberglass</td>
<td>TCFT 18</td>
<td>.017”</td>
<td>19 lb.</td>
<td>750°F</td>
<td>2500 yds/lb.</td>
</tr>
<tr>
<td>TCFT 18L</td>
<td>.017”</td>
<td>19 lb.</td>
<td>750°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TCFT 21</td>
<td>.021”</td>
<td>27 lb.</td>
<td>750°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TCFT 21L</td>
<td>.021”</td>
<td>27 lb.</td>
<td>750°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Starch coated fiberglass</td>
<td>B8</td>
<td>.020”</td>
<td>31.3 lb.</td>
<td>750°F</td>
<td>1875 yds/lb.</td>
</tr>
<tr>
<td>Natural Kevlar®</td>
<td>K-90</td>
<td>.016”</td>
<td>16 lb.</td>
<td>380°F</td>
<td>4704 yds/lb.</td>
</tr>
<tr>
<td>Nomex®</td>
<td>N-70</td>
<td>.014”</td>
<td>4.5 lb.</td>
<td>480°F</td>
<td>6540 yds/lb.</td>
</tr>
<tr>
<td>Quartz®</td>
<td>O-18</td>
<td>.017”</td>
<td>24 lb.</td>
<td>1500°F</td>
<td>1950 yds/lb.</td>
</tr>
<tr>
<td>Polyester/Inconel®</td>
<td>PINC</td>
<td>.0145”</td>
<td>8 lb.</td>
<td>1800°F</td>
<td>6500 yds/lb.</td>
</tr>
<tr>
<td>Kevlar®/10-Strand Stainless steel</td>
<td>KSS 10-1</td>
<td>.012”</td>
<td>23 lb.</td>
<td>1500°F</td>
<td>2264 yds/lb.</td>
</tr>
<tr>
<td>Kevlar®/5-Strand Stainless steel</td>
<td>KSS 5-1</td>
<td>.011”</td>
<td>23 lb.</td>
<td>1500°F</td>
<td>3456 yds/lb.</td>
</tr>
<tr>
<td>Kevlar®/3-Strand Stainless steel</td>
<td>KSS 110</td>
<td>.011”</td>
<td>27 lb.</td>
<td>1500°F</td>
<td>4141 yds/lb.</td>
</tr>
</tbody>
</table>

### Tools

<table>
<thead>
<tr>
<th>Model</th>
<th>Staple Size</th>
<th>Staple Capacity</th>
<th>Staple Diameter</th>
<th>Min. Ring I.D.</th>
<th>Operating Pressure</th>
<th>Tool Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC761</td>
<td>½”</td>
<td>100</td>
<td>16 Gauge, .062</td>
<td>⅛”</td>
<td>80-100 PSI</td>
<td>3.87 lb</td>
</tr>
<tr>
<td>SC743</td>
<td>½”</td>
<td>110</td>
<td>16 Gauge, .062</td>
<td>⅛”</td>
<td>80-100 PSI</td>
<td>3.87 lb</td>
</tr>
<tr>
<td>P7</td>
<td>½”</td>
<td>25</td>
<td>16 Gauge, .062</td>
<td>⅛”</td>
<td>N/A</td>
<td>0.90 lb</td>
</tr>
</tbody>
</table>

### Hogrings

<table>
<thead>
<tr>
<th>Hog Ring Part #</th>
<th>Hog Ring Tool</th>
<th>Quantity Per Box</th>
<th>Material</th>
<th>Diameter</th>
<th>Size</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>12SS100</td>
<td>SC761</td>
<td>10,000</td>
<td>304SS</td>
<td>.062”</td>
<td>⅛”</td>
<td>⅛”</td>
</tr>
<tr>
<td>34SS110</td>
<td>SC743</td>
<td>11,000</td>
<td>304SS</td>
<td>.062”</td>
<td>⅛”</td>
<td>⅛”</td>
</tr>
<tr>
<td>SR8-G</td>
<td>P7</td>
<td>2,500</td>
<td>Galvanized</td>
<td>.062”</td>
<td>⅛”</td>
<td>⅛”</td>
</tr>
<tr>
<td>SR8-SS</td>
<td>P7</td>
<td>2,500</td>
<td>304SS</td>
<td>.062”</td>
<td>⅛”</td>
<td>⅛”</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Products</th>
<th>Styles</th>
<th>Sizes</th>
<th>Material</th>
<th>Put-Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belting</td>
<td>1 &amp; 1-½” Poly</td>
<td>⅛” x ¾”</td>
<td>Poly</td>
<td>100 yd/roll</td>
</tr>
<tr>
<td>Buckles</td>
<td>1 &amp; 1-½” D &amp; Rec.</td>
<td>⅛”</td>
<td>304SS</td>
<td>Ea.</td>
</tr>
<tr>
<td>Velcro</td>
<td>800-1”, 1-½”, 2”</td>
<td>⅛”</td>
<td>Nylon</td>
<td>50 yd/roll</td>
</tr>
<tr>
<td>Lacing</td>
<td>LASS &amp; LAMS</td>
<td>12ga. &amp; 14ga.</td>
<td>304 SS/Mild</td>
<td>1000/Box</td>
</tr>
<tr>
<td>Quilting Pins</td>
<td>QPSS &amp; QPMS</td>
<td>12ga. &amp; 14ga.</td>
<td>304SS/Mild</td>
<td>1000/Box</td>
</tr>
<tr>
<td>Retaining Clips</td>
<td>K150SS &amp; K150G</td>
<td>12ga. &amp; 14ga.</td>
<td>304SS/Galvanized</td>
<td>1000/Box</td>
</tr>
<tr>
<td>Two-Hole Washers</td>
<td>THW</td>
<td>1”</td>
<td>304SS</td>
<td>1000/Box</td>
</tr>
<tr>
<td>Tie Wire</td>
<td>Tie Wire</td>
<td>.051” &amp; 0.47”</td>
<td>304SS</td>
<td>5 lb &amp; 25 lb.</td>
</tr>
<tr>
<td>I.D. Tags</td>
<td>I.D. Tag</td>
<td>1-⅛” x 3-⅛”</td>
<td>304SS</td>
<td>Ea.</td>
</tr>
<tr>
<td>Grommets</td>
<td>Grommet</td>
<td>Multiple available</td>
<td>Brass, 304 SS</td>
<td>Ea.</td>
</tr>
<tr>
<td>Drawcord</td>
<td>TCFR</td>
<td>⅛”</td>
<td>Teflon CTD FG</td>
<td>650°F/spl</td>
</tr>
<tr>
<td>Drawcord</td>
<td>SSD</td>
<td>⅛”</td>
<td>304 SS</td>
<td>500°F/spl</td>
</tr>
</tbody>
</table>
## Technical Information

### Cold Face Fabrics
1. Silicone Impregnated fiberglass & Silica 500°F
2. PTFE/Teflon® Impregnated fiberglass 550°F
3. Alum foil/film laminated fiberglass 450°F
4. Plain & Texturized fiberglass 1,000°F
5. Stainless steel knitted blanket mesh 1,500-2,000°F

### Hot Face Fabrics
1. Silicone impregnated fiberglass & silica 500°F
2. PTFE/Teflon® impregnated fiberglass 550°F
3. Alum foil/film laminated fiberglass 750°F
4. Plain & Texturized fiberglass 1,000°F
5. Vermiculite coated fiberglass 1,000°F
6. silica 1,500-1,800°F
7. 304 SS foil 1,500°F
8. Inconel® foil 2,000°F
9. 304 SS blanket mesh 1,500°F
10. Inconel blanket mesh 2,000°F

### Blanket Insulation
1. Foams (Flexible, Closed Cell Elastometric) 300°F
2. Needled E Glass blanket 1,200°F
3. Needled E Glass/silica composite blanket 1,500°F
4. Needled silica blanket 1,800°F
5. Ceramic fiber blanket-RG 2,300°F

### Threads
1. Nomex® 480°F
2. Kevlar® 380°F
3. Plain fiberglass 750°F
4. Teflon® coated fiberglass 750°F
5. Teflon® coated quartz 1,500°F
6. Stainless steel 1,500°F
7. Inconel 2,000°F

### Hogrings and Staples
1. Galvanized 1,000°F
2. Stainless steel 1,500°F
3. Inconel® 2,000°F

### Accessories
1. Belting
2. Buckles
3. Velcro
4. Lacing hooks
5. Quilting pins
6. Draw cord
7. Tie wire
8. SS I.D. tags
9. Grommets
10. Two-hole washers
11. Zinc, SS, O rings

---

**Energy Audit**

**How much can you save using Removable / Reusable Insulation?**

Calculate your losses at:
http://www.insulation.org/

Lewco has over 25 years experience manufacturing materials for removable/reusable insulation jackets. We are the fabricators’ choice when it comes to fine non-woven needled insulation mat and high-temperature coated fiberglass fabrics. We also sell a full-line of threads, polybelting, velcro, metal mesh, fiberglass tapes, and accessories.

Please contact us for more information and a list of our distributors.
Other Lewco Products

ISO 9001-2000 Certified

We will strive to meet or exceed our Customers’ expectations. Lewco is committed to continually improving our products, services and the effectiveness of the Quality Management System to make our Customers totally satisfied.

We believe our products and services must be...

- **PRODUCED SAFELY**
  Our products and services are produced safely and in a safe work environment.

- **HIGH QUALITY**
  Our Service is courteous and professional. Our Products are manufactured under a Quality Management System certified as conforming to requirements defined in the ISO 9001:2000 Standard.

- **COMPETITIVE**
  Our products and services provide exceptional value for our Customers.

- **DELIVERED ON TIME**
  An inventory of finished products is maintained to meet our Customers’ delivery requirements.

- **CONTINUALLY IMPROVED**
  We will work together to continually improve all aspects of our business.

Fabrics for Hot Works Safety

Ceramic Fiber Products

Gasketing and Packing Products

Woven and Coated Fabrics

Lewco Specialty Products, Inc.

Corporate Headquarters / Manufacturing & Distribution Center
6859 Renoir Avenue • Baton Rouge, Louisiana 70806
Phone (225) 924-3221 • Toll Free 1(800) 221-6414 • Fax (225) 927-2918
www.LewcoSpecialtyProducts.com • Email Lewco@LewcoSpecialtyProducts.com

ISO 9001-2000 Certified

Member
SWICA
WIA
ESICA
SEICA
MICA
CSICA

All Major Credit Cards Accepted

Proud Member of
National Insulation Association
www.insulation.org Since 1989

Energy Audit
Technical Information

Since 1989

How much can you save using Removable / Reusable Insulation?
Calculate your losses at: http://www.insulation.org/

Energy Audit
Technical Information