Flexotherm™ produces drum heaters that may easily be wrapped and secured around drums, pails, and tanks. They are made of silicone rubber-reinforced fiberglass cloth laminated around a nickel alloy circuit. This construction provides an even heat transfer, which keeps contents at proper handling or process consistency and limits scorching or degradation of sensitive contents. Custom products available.

Features:
- Fits four standard drum sizes
- Metal or non-metal drum versions
- 115V and 230V standard; high wattage 115V configuration available
- 3-prong plug or pigtail termination
- Electrically grounded, insulated screen
- Optional adjustable thermostat
- Heavy hook and spring attachment
- Resistant to many chemical substances
- Components UL Recognized and CSA Certified

Applications:
- Viscosity control, freeze protection, temperature maintenance and melting of solids for:
  - Adhesives
  - Biofuels
  - Mastics
  - Plastics
  - Resins
  - Paints and varnishes
  - Waxes
  - Oils, fats and greases
  - Molasses, syrups, chocolate
  - Much more

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Fits Drum Size (Gal.)</th>
<th>Drum Material</th>
<th>Wattage (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB-55</td>
<td>55</td>
<td>METAL</td>
<td>NONE</td>
</tr>
<tr>
<td>BXH-55-115-TS</td>
<td>55</td>
<td>NON-METAL</td>
<td>750</td>
</tr>
<tr>
<td>BXH-55-230-TS</td>
<td>55</td>
<td>NON-METAL</td>
<td>750</td>
</tr>
<tr>
<td>BH-55-115-TS</td>
<td>55</td>
<td>METAL</td>
<td>1000</td>
</tr>
<tr>
<td>BH-55-230-TS</td>
<td>55</td>
<td>METAL</td>
<td>1000</td>
</tr>
<tr>
<td>BHW-55-115-TS</td>
<td>55</td>
<td>METAL</td>
<td>1500</td>
</tr>
<tr>
<td>BHW-55-230-TS</td>
<td>55</td>
<td>METAL</td>
<td>1500</td>
</tr>
</tbody>
</table>

Warranty
All of our quality heated products are backed by a limited Two-Year Warranty:
- Full coverage on repairs caused by defects in workmanship
- Repaired on-site whenever possible to minimize downtime.
- Quick turn-around time on repairs
- Phone support during repair process.

About Us
Flexotherm™ is a division of Neptech, Inc.—manufacturer of quality heated products since 1994. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate, government and EPA standards.

We have built a quality reputation for consistently delivering innovative and cost-effective solutions that benefit the bottom line.

Out multi-faceted engineering, design and manufacturing capabilities enable us to provide a complete array of products and services to R&D facilities and OEMs worldwide.

Contact Us
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Or visit our website: www.Flexotherm.net
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Drum Material</th>
<th>Drum Position</th>
<th>Fits Drum Capacity / Dia (gal./in.)</th>
<th>Total Wattage (W)</th>
<th>Voltage (V)</th>
<th>Adjustable Thermostat °F</th>
<th>Cord Termination</th>
<th>Length/Width (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH-5-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>5/11.25</td>
<td>300</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>30/3</td>
</tr>
<tr>
<td>DH-15-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>15/14.25</td>
<td>500</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>35.88/3</td>
</tr>
<tr>
<td>DH-30-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>30/18.25</td>
<td>750</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>52.50/3</td>
</tr>
<tr>
<td>DH-55-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>55/22.5</td>
<td>1000</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>64.50/3</td>
</tr>
<tr>
<td>DHW-5-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>5/11.25</td>
<td>450</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>30/4</td>
</tr>
<tr>
<td>DHW-15-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>15/14.25</td>
<td>750</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>35.88/4</td>
</tr>
<tr>
<td>DHW-30-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>30/18.25</td>
<td>1100</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>52.50/4</td>
</tr>
<tr>
<td>DHW-55-115-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>55/22.5</td>
<td>1500</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>64.50/4</td>
</tr>
<tr>
<td>DH-55-115</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>55/22.5</td>
<td>1000</td>
<td>115</td>
<td>None</td>
<td>3-prong plug</td>
<td>64.5/8</td>
</tr>
<tr>
<td>DHH-55-115-TS</td>
<td>METAL</td>
<td>HORIZONTAL</td>
<td>55/22.5</td>
<td>500</td>
<td>115</td>
<td>50 to 425</td>
<td>3-prong plug</td>
<td>65.50/8</td>
</tr>
<tr>
<td>XH-5-115-TS</td>
<td>NON-METAL</td>
<td>VERTICAL</td>
<td>5/11.25</td>
<td>300</td>
<td>115</td>
<td>50 to 160</td>
<td>3-prong plug</td>
<td>29/6</td>
</tr>
<tr>
<td>XH-15-115-TS</td>
<td>NON-METAL</td>
<td>VERTICAL</td>
<td>15/14.25</td>
<td>370</td>
<td>115</td>
<td>50 to 160</td>
<td>3-prong plug</td>
<td>38.5/6</td>
</tr>
<tr>
<td>XH-30-115-TS</td>
<td>NON-METAL</td>
<td>VERTICAL</td>
<td>30/18.25</td>
<td>590</td>
<td>115</td>
<td>50 to 160</td>
<td>3-prong plug</td>
<td>51/6</td>
</tr>
<tr>
<td>XH-55-115-TS</td>
<td>NON-METAL</td>
<td>VERTICAL</td>
<td>55/22.5</td>
<td>750</td>
<td>115</td>
<td>50 to 160</td>
<td>3-prong plug</td>
<td>64/6</td>
</tr>
<tr>
<td>DH-5-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>5/11.25</td>
<td>300</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>20/4</td>
</tr>
<tr>
<td>DH-15-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>15/14.25</td>
<td>500</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>35.88/4</td>
</tr>
<tr>
<td>DH-30-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>30/18.25</td>
<td>750</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>52.50/3</td>
</tr>
<tr>
<td>DHW-5-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>5/11.25</td>
<td>450</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>64.50/3</td>
</tr>
<tr>
<td>DHW-15-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>15/14.25</td>
<td>750</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>35.88/4</td>
</tr>
<tr>
<td>DHW-30-230-TS</td>
<td>METAL</td>
<td>VERTICAL</td>
<td>30/18.25</td>
<td>1100</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>35.88/4</td>
</tr>
<tr>
<td>DHW-55-230-TS</td>
<td>METAL</td>
<td>HORIZONTAL</td>
<td>55/22.5</td>
<td>1500</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>64.50/4</td>
</tr>
<tr>
<td>DHH-5-230-TS</td>
<td>METAL</td>
<td>HORIZONTAL</td>
<td>55/22.5</td>
<td>500</td>
<td>230</td>
<td>50 to 425</td>
<td>NONE</td>
<td>65.50/8</td>
</tr>
<tr>
<td>XH-5-230-TS</td>
<td>NON-METAL</td>
<td>HORIZONTAL</td>
<td>5/11.25</td>
<td>300</td>
<td>230</td>
<td>50 to 160</td>
<td>NONE</td>
<td>29/6</td>
</tr>
<tr>
<td>XH-15-230-TS</td>
<td>NON-METAL</td>
<td>HORIZONTAL</td>
<td>15/14.25</td>
<td>370</td>
<td>230</td>
<td>50 to 160</td>
<td>NONE</td>
<td>38.5/6</td>
</tr>
<tr>
<td>XH-20-230-TS</td>
<td>NON-METAL</td>
<td>HORIZONTAL</td>
<td>30/18.25</td>
<td>590</td>
<td>230</td>
<td>50 to 160</td>
<td>NONE</td>
<td>51/6</td>
</tr>
<tr>
<td>XH-55-230-TS</td>
<td>NON-METAL</td>
<td>HORIZONTAL</td>
<td>55/22.5</td>
<td>750</td>
<td>230</td>
<td>50 to 160</td>
<td>NONE</td>
<td>64/6</td>
</tr>
</tbody>
</table>

*Metal Version Drum Heaters have the following prefixes: DH, DHW, DHH; non-metal version Drum Heaters have the following prefix: XH
Flexotherm™ Flexible Outdoor Work Mat / Pad Heating Blankets

Flexotherm™ manufactures a custom designed, high quality drum blanket for a multitude of applications and industries. Our blankets offer an even and continuous heat source for any type of job you need done.

Our Flexible Heating Blankets are made with the following features:

- Flexotherm™ Heated Blankets are suitable for a wide variety of plastic, fiber, and metal containers.
- The high efficiency carbon heating grid evenly distributes heat over the entire blanket area.
- The heating element is built with a integrated fixed temperature Thermostat as a Redundant Safety Feature
- Our heating elements, unlike others, decreases current as temperature increases which results in a safer product.

Can be used on many different types of materials

Heavy Duty Vinyl is NFPA Certified Flame Retardant

Construction:

- All models utilize Heavy Duty vinyl that is NFPA Certified Flame Retardant.
- The Heavy Duty vinyl used is also scuff, water, and UV resistant.
- Vinyl Panel Perimeters are sealed with Fully Welded Seam
- Every blanket includes a Full-Layer of high thermal efficiency Closed Cell Foil Faced Insulation, directing the infrared heat to the desired location.

Outdoor Work Mat / Pad Heating Blanket Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Approx. Temp</th>
<th>Blanket Dimensions</th>
<th>Element Dimensions</th>
<th>Wattage</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>100°F (38°C)</td>
<td>113°F - 131°F (45°C - 55°C)</td>
<td>36” x 76” (91.44 cm x 193.04 cm)</td>
<td>33” x 74” (83.82 cm x 187.96 cm)</td>
<td>632 Watts</td>
<td>tbd</td>
</tr>
</tbody>
</table>

Warranty

All of our quality heated products are backed by a limited Two-Year Warranty:

- Full coverage on repairs caused by defects in workmanship
- Repaired on-site whenever possible to minimize downtime.
- Quick turn-around time on repairs
- Phone support during repair process.

About Us

Flexotherm™ is a division of Neptech, Inc. — manufacturer of quality heated products since 1994. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate, government and EPA standards.

We have built a quality reputation for consistently delivering innovative and cost-effective solutions that benefit the bottom line.

Our multi-faceted engineering, design and manufacturing capabilities enable us to provide a complete array of products and services to R&D facilities and OEMs worldwide.

Contact Us

If you have any questions or need additional information, please call (810) 225-2222
Or visit our website: www.Flexotherm.net

Flexotherm™ A Division of Neptech, Inc. 2000 E. Highland Rd. Highland, MI 48357 Phone: (810) 225-2222 Fax: (810) 225-1155
Heated Vinyl Blankets
Utilizing HeatedMesh™ Technology

Flexotherm™ brand of heated vinyl blankets are water resistant and constructed of rugged, wear resistant, 18oz vinyl, protected by an integrated GFCI and utilizes HeatedMesh™ heating technology.

HeatedMesh™ is a patented heating technology that is a positive temperature coefficient device. Opposed to traditional heating technology, HeatedMesh™ temperature increases during the first 20 minutes of operation, while the electrical current decreases. (See Diagram B).

HeatedMesh™ is comprised of electrode terminals that are made of flexible copper wire—providing a rapid heat source with excellent bending capabilities and effective, even heating—up to 165°F (74°C).

Diagram C on the left shows the external AC or DC (optional) voltage being applied to the outer edge terminals. Each hot mesh structure consists of at least two terminal. The electrode terminals are interconnected by a flexible mesh which contains the thermal alloy.

Flexotherm™ brand of heated vinyl blankets with HeatedMesh™ technology are available in multiple size and voltage configurations.

All of our quality heated products are backed by a limited Two-Year Warranty

- Full Coverage on repairs caused by defects in Workmanship
- Quick turn-around times on repairs
- Phone support during repair process.

Flexotherm™ is a division of Neptech, Inc.—manufacturer of quality heated products since 2003. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate, government and EPA standards.
### Flexotherm™ 55 Gallon (208 Liter) Flexible Drum / Barrel Heating Blankets

**Flexotherm™** manufactures a custom designed, high quality drum blanket for a multitude of applications and industries. Our blankets offer an even and continuous heat source for any type of job you need done. Our Flexible Heating Blankets are made with the following features:

- Flexotherm™ Heated Blankets are suitable for a wide variety of plastic, fiber, and metal containers.
- The high efficiency carbon heating grid evenly distributes heat over the entire blanket area.
- The heating element is built with a integrated fixed temperature Thermostat as a Redundant Safety Feature
- Our heating elements, unlike others, decreases current as temperature increases.

**Construction:**

- All models utilize Heavy Duty vinyl that is NFPA Certified Flame Retardant.
- The Heavy Duty vinyl used is also scuff, water, and UV resistant.
- We outfit our blankets with adjustable retaining straps and quick release plated buckles (Container Models ONLY)
- Vinyl Panel Perimeters are sealed with Fully Welded Seam
- Every blanket includes a Full-Wrap of high thermal efficiency Closed Cell Foil Faced Insulation, directing the infrared heat to the product being heated.

---

**55 Gallon Flexible Drum / Barrel Heating Blanket Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Approx. Temp</th>
<th>Blanket Dimensions</th>
<th>Element Dimensions</th>
<th>Wattage</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>122°F (50°C)</td>
<td>113°F - 131°F (45°C - 55°C)</td>
<td>36” x 84” (91.44 cm x 213.36 cm)</td>
<td>33” x 74” (83.82 cm x 187.96 cm)</td>
<td>720 Watts</td>
<td>6 Amps (6000000 microamps)</td>
</tr>
<tr>
<td>158°F (70°C)</td>
<td>149°F - 167°F (65°C - 75°C)</td>
<td>36” x 84” (91.44 cm x 213.36 cm)</td>
<td>33” x 74” (83.82 cm x 187.96 cm)</td>
<td>960 Watts</td>
<td>8 Amps (8000000 microamps)</td>
</tr>
</tbody>
</table>

**Blanket design keeps the cold air out and the warm air in.**

---

**Warranty**

All of our quality heated products are backed by a limited Two-Year Warranty:

- Full coverage on repairs caused by defects in workmanship
- Repaired on-site whenever possible to minimize downtime.
- Quick turn-around time on repairs
- Phone support during repair process.

---

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---

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Flexotherm™ A Division of Neptech, Inc. 2000 E. Highland Rd. Highland, MI 48357 Phone: (810) 225-2222 Fax: (810) 225-1155

Warranty

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### Flexotherm™ 5 Gallon (19 Liter) Flexible Pail / Bucket Heating Blankets

**Flexotherm™** manufactures a custom designed, high quality pail/bucket blanket for a multitude of applications and industries.

Our blankets offer an even and continuous heat source for any type of job you need done.

Our Flexible Heating Blankets are made with the following features:

- Flexotherm™ Heated Blankets are suitable for a wide variety of plastic, fiber, and metal containers.
- The high efficiency carbon heating grid evenly distributes heat over the entire blanket area.
- The heating element is built with an integrated fixed temperature Thermostat as a Redundant Safety Feature.
- Our heating elements, unlike others, decreases current as temperature increases which results in a safer product.

Can be used on many different types of materials

Flexible wrap feature allows product to be completely wrapped

---

**Construction:**

- All models utilize Heavy Duty vinyl that is NFPA Certified Flame Retardant.
- The Heavy Duty vinyl used is also scuff, water, and UV resistant.
- We outfit our blankets with adjustable retaining straps and quick release plated buckles (Container Models ONLY).
- Vinyl Panel Perimeters are sealed with Fully Welded Seam.
- Every blanket includes a Full-Wrap of high thermal efficiency Closed Cell Foil Faced Insulation, directing the infrared heat to the product being heated.

---

### 5 Gallon Flexible Pail / Bucket Heating Blanket Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Approx. Temp</th>
<th>Blanket Dimensions</th>
<th>Element Dimensions</th>
<th>Wattage</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>122°F (50°C) Temperature Model</td>
<td>113°F - 131°F m (45°C - 55°C)</td>
<td>16” x 46” (40.64 cm x 116.84 cm)</td>
<td>14” x 39.4” (35.56 cm x 100.076 cm)</td>
<td>160 Watts</td>
<td>1.3 Amps (1300000 microamps)</td>
</tr>
<tr>
<td>158°F (70°C) Temperature Model</td>
<td>149°F - 167°F (65°C - 75°C)</td>
<td>16” x 46” (40.64 cm x 116.84 cm)</td>
<td>14” x 39.4” (35.56 cm x 100.076 cm)</td>
<td>215 Watts</td>
<td>1.8 Amps (1800000 microamps)</td>
</tr>
</tbody>
</table>

---

**Blanket design keeps the cold air out and the warm air in.**