

# PipeGuard® Hot Tube Bundles

## PIPEGUARD® HOT HIGH-TEMPERATURE SELF-REGULATING ELECTRICALLY TRACED TUBE BUNDLES

Drexan Energy Systems Series 2256/2266 High-Temperature Maintenance Self-Regulating Electric Traced Tube Bundles. Tube Bundles are supplied by Dekoron® Unitherm™ LLC\* and are thermally-insulated fluid transportation lines for use in applications requiring freeze protection, viscosity maintenance or condensation prevention where the lines may be cleaned or purged using steam or hot gasses.

**Each Bundle comprises the following elements:**

- Single or multiple process tube(s)
- High temperature, self-regulating heating cable with tinned copper braid
- Heat reflective foil wrap.
- Moisture resistant, non-wicking, inorganic fibrous glass thermal insulation
- Environmentally Sealed Outer Jacket

**Additional features of this product are:**

- Smaller OD than field-fabricated lines means better use of mounting space
- Maintenance-free – no open seams, no gaps in Thermal Insulation
- Consistent and predictable thermal characteristics
- Pre-engineered for reduced design cost



The heating cable withstands exposure to temperatures up to 250°C (482°F) allowing the process tubes to be purged with 150 psig saturated steam. PipeGuard Hot Tube Bundles are available in 5, 10, 15 and 20 W/ft. outputs from 120 - 277 volts. Bundles in this series are certified for hazardous locations.

### APPLICATION

- Analyzer and instrument lines
- Impulse lines
- Viscosity maintenance
- Small diameter process lines
- Freeze protection

### PRODUCT CHARACTERISTICS

<b>SAMPLE TUBE MATERIALS:</b>	<ul style="list-style-type: none"> <li>• 316/3 16L</li> <li>• Alloy 825</li> <li>• Alloy 600</li> </ul>	<ul style="list-style-type: none"> <li>• 304/304L</li> <li>• 6Mo</li> <li>• Specialty Alloys</li> </ul>
<b>WELDED AND SEAMLESS STAINLESS STEEL</b>		
<b>POYMERIC TUBES</b>	<ul style="list-style-type: none"> <li>• PFA</li> <li>• PTFE</li> </ul>	<ul style="list-style-type: none"> <li>• FEP</li> <li>• Custom Resins</li> </ul>
<b>THERMAL INSULATION</b>	<ul style="list-style-type: none"> <li>• High efficiency, aerogel thermal insulation, max. exposure to 204°C (400°F)</li> <li>• Low chloride, non-wicking fibrous glass thermal insulation</li> </ul>	
<b>OUTER JACKET MATERIAL</b>	<ul style="list-style-type: none"> <li>• Lead free UV stabilized low temperature flame retardant PVC</li> <li>• Halogen free UV stabilized thermoplastic polyurethane</li> <li>• High temperature UV stabilized thermoplastic polyolefin</li> </ul>	

### APPROVALS\*

 0518  
 II 2G Ex e IIC T6 Gb  
 Sira 12ATEX3095X

  
 C 231572

Class I, Div. 1/2, Groups A, B, C, D  
 Class II, Div. 1/2, Groups E, F, G  
 Class III  
 G-General Use      Ordinary Locations

FOR HEAT TRACER TECHNICAL ASSISTANCE CALL 1-800-663-6873 (NORTH AMERICA ONLY) OR +1.780.413.1774

\*Above Approvals are for Drexan PipeGuard Hot cables only. Regulatory approvals for Dekoron® Unitherm™ LLC tube bundles available upon request.