

# PipeGuard® Warm Tube Bundles

## PIPEGUARD® WARM LOW-TEMPERATURE SELF-REGULATING ELECTRICALLY-TRACED TUBE BUNDLES

Drexan Energy Systems Series 2256/2266 Low-Temperature Maintenance Self-Regulating Electrically-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 line will not be steam-cleaned.

**Each Bundle comprises the following elements:**

- Single or multiple process tube(s)
- Low temperature, self-regulating heating element 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 85°C (185°F). PipeGuard Warm Tube Bundles are available in 3, 5, 8 and 10 W/ft. outputs for 120 - 277 volts. Bundles in this series are certified for hazardous locations.

### APPLICATION

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

PRODUCT CHARACTERISTICS	APPROVALS*
<p><b>SAMPLE TUBE MATERIALS:</b></p> <ul style="list-style-type: none"> <li>• 316/316L</li> <li>• 304/304L</li> </ul>	<p>CE 2503</p> <p>II 2G Ex e IIC T6 Gb 12ATEX3095X</p> <p>Class I, Div. 1/2, Groups A, B, C, D</p> <p>Class II, Div. 1/2, Groups E, F, G</p> <p>Class III</p> <p>G-General Use</p> <p>Ordinary Locations</p>
<p><b>WELDED AND SEAMLESS STAINLESS STEEL</b></p> <ul style="list-style-type: none"> <li>• Alloy 825</li> <li>• 6Mo</li> <li>• Alloy 600</li> <li>• Specialty Alloys</li> </ul>	
<p><b>POLYMERIC TUBES</b></p> <ul style="list-style-type: none"> <li>• PFA</li> <li>• FEP</li> <li>• PTFE</li> <li>• Custom Resins</li> </ul>	
<p><b>THERMAL INSULATION</b></p> <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>	
<p><b>OUTER JACKET MATERIAL</b></p> <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>	

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

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