

## PipeGuard<sup>®</sup> CMH Tube Bundles

**CONSTANT WATTAGE, METALLIC SHEATHED, HIGH TEMPERATURE PRE-INSULATED TUBE BUNDLE**

**PipeGuard CMH Tubing Bundles** are used for the most demanding applications. These bundles can be designed for exposure temperatures up to 450°C (842°F). Tube Bundles are supplied by Dekoron<sup>®</sup> Unitherm<sup>™</sup> 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. PipeGuard CMH cable is installed inside the bundle alongside the tubing. Unlike traditional series mineral-insulated type (MI) cables, CMH uses parallel construction, and therefore can be cut to length in the field making design and installation a much easier task. PipeGuard CMH cable is certified for use in hazardous locations. Pre-insulated Tube Bundles are available in standard fibrous glass or high-efficiency aerogel thermal insulation depending upon operating temperature. The weather-resistant continuous outer jacket is designed for multiple applications.



### APPLICATION

- Freeze protection
- Maintain solution integrity
- Hazardous atmospheres
- Viscosity maintenance
- Extreme operating conditions

### PRODUCT CHARACTERISTICS

#### SAMPLE TUBE MATERIALS:

WELDED AND SEAMLESS STAINLESS STEEL	• 316/3 16L	• 304/304L
	• Alloy 825	• 6Mo
	• Alloy 600	• Specialty Alloys
POYMERIC TUBES	• PFA	• FEP
	• PTFE	• Custom Resins
THERMAL INSULATION	<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>	
OUTER JACKET MATERIAL	<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\*



231572

Class I, Div. 1/2, Groups A, B, C, D  
Class II, Div. 1/2, Groups E, F, G  
Class III

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

\*Above Approvals are for Drexan CMH cables only. Regulatory approvals for Dekoron<sup>®</sup> Unitherm<sup>™</sup> LLC tube bundles available upon request.