

PipeGuard® 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® Unitherm™ LLC* and are thermally-insulated fluid transportation lines for use in applications requiring freeze protection, viscosity maintenance or condensation prevention. 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	<ul style="list-style-type: none"> • 316/3 16L • Alloy 825 • Alloy 600 	<ul style="list-style-type: none"> • 304/304L • 6Mo • Specialty Alloys
POYMERIC TUBES	<ul style="list-style-type: none"> • PFA • PTFE 	<ul style="list-style-type: none"> • FEP • Custom Resins
THERMAL INSULATION	<ul style="list-style-type: none"> • High efficiency, aerogel thermal insulation, max. exposure to 204°C (400°F) • Low chloride, non-wicking fibrous glass thermal insulation 	
OUTER JACKET MATERIAL	<ul style="list-style-type: none"> • Lead-free UV-stabilized low temperature flame retardant PVC • Halogen-free UV-stabilized thermoplastic polyurethane • High temperature UV-stabilized thermoplastic polyolefin 	

APPROVALS*



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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® Unitherm™ LLC tube bundles available upon request.