HITLIN™
by
VISIONARY
INDUSTRIAL INSULATION

Technical Product Information

Preformed Pipe Insulation RCUI Type

General Product Information:

HITLIN™ Industrial Insulation is a high density E-Glass product combining a patented manufacturing process using specially processed needled mat and inorganic binders resulting in a non-combustible high temperature insulation with superior thermal performance and excellent fire resistant properties. HITLIN™ RCUI Type is a water repellent but vapor permeable insulation

Description & Common Applications:

These rigid mandrel-wound pipe sections are made from virtually unbreakable continuous e-glass fiber. HITLIN™ is ideal for steam and process pipe systems operating at temperatures to 1400°F (760°C), where energy conservation, personnel protection and fire control matter. HITLIN™ RCUI is 99.7% water resistant making it ideal for applications where moisture is or could be present

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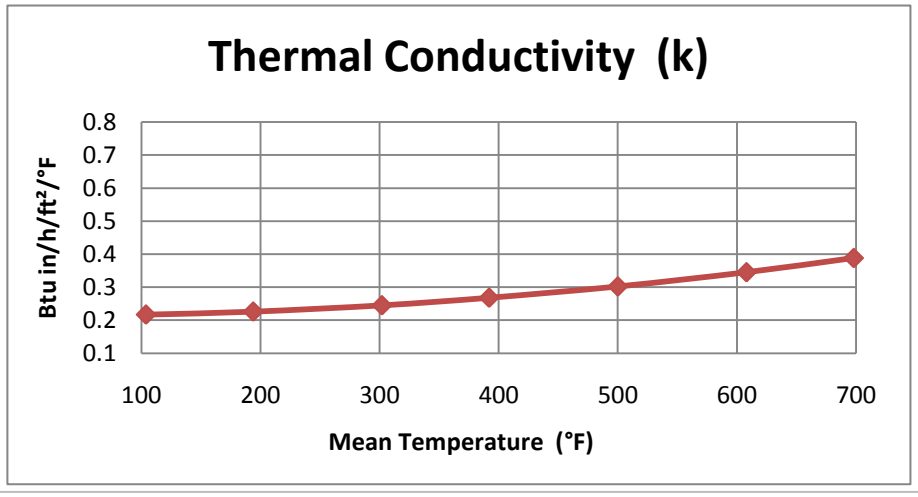
Compliance and Performance:

ASTM C 547	Standard Specification for Mineral Fiber Preformed Pipe Insulation	Type I, II IV, V Complies
ASTM C 165	Compressive Strength @ 5% Deformation	28.5 psi (196 kPa)
ASTM C 302	Density Preformed Pipe Insulation	11.5 lb/ft³-12.5 lb/ft³ (185 kg/m³- 200 kg/m³)
ASTM E 162	Surface Flammability	Complies
ASTM E 84	Surface Burning Characteristics	Flame Spread = 0 Smoke Developed = 0
CAN/ULC S102	Surface Burning Characteristics	Flame Spread = 0 Smoke Developed = Passed
ASTM E136	Behavior of Materials at 750°C (1382°F)	Non-combustible
CAN/ULC S114	Non-Combustibility of Insulation	Non-combustible
ASTM E 662	Smoke Generation (NFPA 258)	Complies
ASTM C 411	Hot Surface Performance	In Compliance with ASTM C547 @ 1400°F (760°C)
ASTM C 447	Maximum Surface Performance	In Compliance with ASTM C547 @ 1400°F (760°C)
ASTM C 795 *	Stainless Steel Stress Corrosion Specification as per Test Methods C871 and C692: U.S. Nuclear Regulatory Commission, Reg. Guide #1.36: U.S. Military Specifications MIL-I-24244 (all versions including B and C)	Conforms
ASTM C 356	Linear Shrinkage	< 0.27% @ 1200°F (650°C)
ASTM C 1104	Moisture Sorption	< 0.04%
ASTM C 585	Inner & Outer Diameters for Nominal Pipe Sizes	Complies



*When ordering material to comply with any ASTM, government, or other specification, a statement of that fact must appear on the purchase order. These specifications require specific lot testing and prohibit the certification of the lot after shipment has been made. There will be additional charges associated with compliance testing.