

Calcium Chloride Brine Pipe



Application: Transfer of sub-zero (-22°F to -40°F) saturated calcium chloride brine solution from refrigeration units to product mold machines to a holding tank for rechilling.

Product: 1,200 feet of 6" Red Thread® II pipe and fittings hung from a 25-foot high ceiling to conserve floor space.

Features & Benefits: The lightweight of the fiberglass piping resulted in a lower installed cost, less building structural load, and a reduced number of lighter duty pipe hangers.

The low thermal conductivity, only a fraction of steel, reduced the operating cost of the system. A low coefficient of thermal expansion: one-fifth to one-eighth of thermoplastics.

The epoxy thermoset resin used to construct Red Thread II avoids brittleness at sub-zero temperatures.

Approvals by FDA and NSF International. Compliance with ASTM.

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