Low Temperature Exposure Test Results  The following tests of fiberglass-reinforced composite materials were conducted by Owens Corning® Research Labs.

Under temperatures ranging from room temperature to -425° F, scientists attempted to pull apart (tensile), bend (flexural) or compress (ultimate compression) fiberglass-reinforced composite materials in order to induce failure. The results, as cited below, show the percentage of strength increase in cold air.

Applications  Shakespeare composite poles are currently resisting the effects of low temperatures in Alaska, Montana, Wyoming, Colorado and near the Arctic Circle, among other locations.