

# Lamitex<sup>®</sup> For Hot Rolling Steel Mills



## Bearing Grades

**SBE60** - A course weave cotton fabric impregnated with a molybdenum disulfide filled phenolic resin system. This provides a self-lubricated product typically seen in highly loaded bearing applications.



**SBE70** - A course weave cotton fabric impregnated with a modified phenolic/ alumina resin formula. The thermal conductivity of alumina improves heat dissipation and its mechanical characteristics add hardness and strength to the finished composite bearing.



**SBE100** - A course weave Kevlar<sup>®</sup> aramid fabric impregnated with a high temperature phenolic resin. This product offers the maximum wear-resistance in the industry and can often be laid on our other grades to extend their wear life.



**A Note about 'Cooling Grooves'** : You may have noticed the 'X' pattern on one of our bearings pictured above. This pattern is machined into the bearing so that water used during the rolling process is caught in them - effectively cooling the bearing.

## Furnace Insulation

Lamitex<sup>®</sup> G-7 glass/silicone laminated sheets and tubes are primarily used for mechanical, and electrical applications where high strengths are required at temperatures up to 220 °C. We are able to fabricate a multitude of shapes, sizes and set-ups. From full panels down to small bushings and washers

