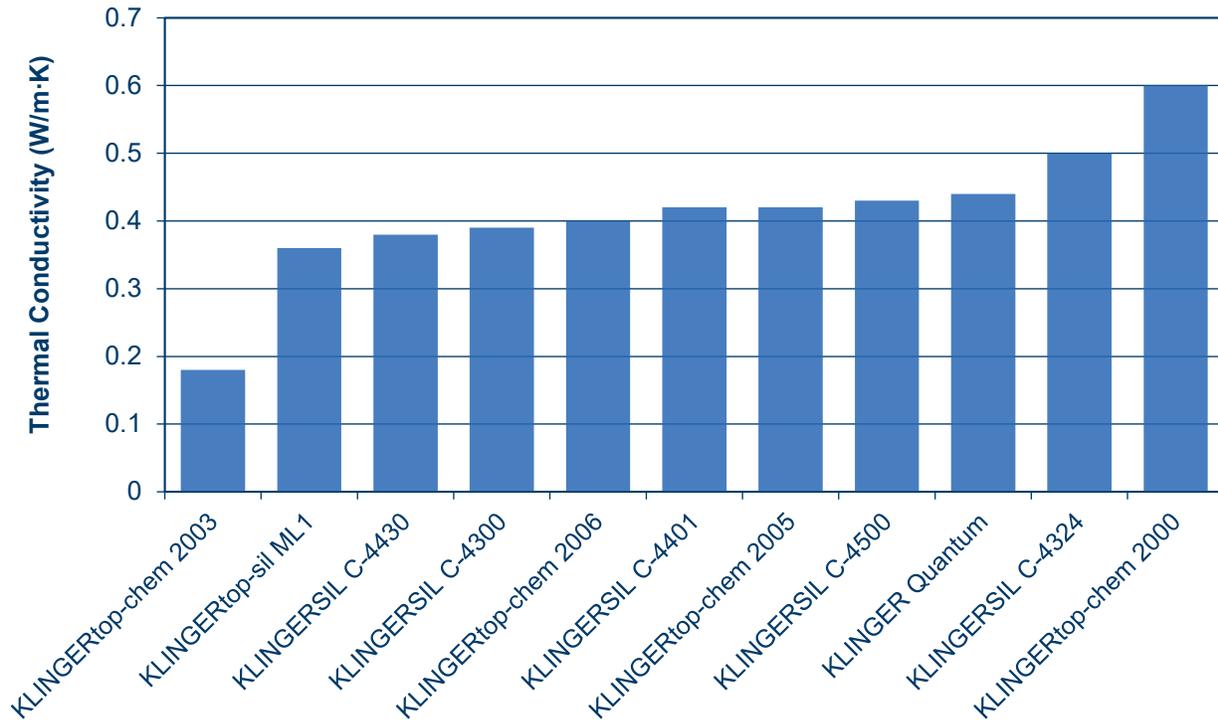


# THERMAL CONDUCTIVITY

## Insulating Properties

In bolted flanged joints, gasket materials can act as an insulator or barrier to the flow of heat from one flange to another. Thermal conductivity describes the ability of gasket material to transfer heat. Materials with low thermal conductivity transfer heat at a lower rate than materials with comparatively higher thermal conductivity.

**Thermal Conductivity Rankings  
Per ASTM F433**



*The ability of a gasket to make and maintain a seal depends not only on the style and quality of the gasket material, but also on medium being sealed, the flange design, the amount of pressure applied to the gasket by the bolts and how the gasket is assembled onto the flanges and tightened. These factors are beyond the manufacturer's control.*

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