



Pyrogel

Aerogel Insulation

General Description:

Pyrogel is a flexible, high-performance, aerogel blanket insulation designed for use in industrial and commercial applications. It is engineered to deliver superior thermal performance while offering excellent protection against corrosion under insulation (CUI). Pyrogel is hydrophobic and breathable, ensuring long-lasting water resistance. It keeps the underlying asset drier for longer. Pyrogel has an extremely low thermal conductivity and is 60% thinner than most insulation materials.

Physical Properties:

Density: 12.5lb/ft³

Thickness: 0.4"

Maximum Use Temperature: 1200°F

Thermal Conductivity "K" Factor:

Temperature	"K"
32°F	.14
212°F	.16
392°F	.19
572°F	.24
752°F	.32
932°F	.44
1112°F	.62