

FIRWIN FAQ

Fire Safety and Insulation Blankets - What are the Risks?

As a manufacturer of removable insulation blankets for high temperature applications, Firwin's blankets are designed to withstand extremely high temperatures. All the components that go into our blankets, be it the insulation fiber matt or the outer blanket cover, are rated as non-combustible and conform to various fire standards (MIL and UL).

The risk: Engine oil or hydraulic fluid lodging in the insulation matt. In most cases, Firwin's Removable Insulation Blankets actually increase fire safety. By containing the extreme heat generated by diesel engines and their exhaust systems, engine rooms are safeguarded from overheating, and heat sensitive components are protected.

Our insulation solutions are often found on diesel powered equipment, and one of the most used applications is underground mining. Given its rugged environment, underground mining equipment has been known to spring an engine oil leak or hydraulic hose burst. If this fluid seeps underneath the insulation blanket and lodges into the matt, there is the possibility of spontaneous combustion.

The solution: [Firwin MineWrap™ Mark II and Mark III insulation blankets](#).

Firwin produces insulation blankets designed specifically to meet the stringent safety requirements of the underground mining community. Our MineWrap™ Mark II and Mark III insulation blankets are lined with a stainless steel foil inner liner, which effectively seals off any leaked oil or hydraulic fluid from coming into contact with the insulation matt material.