

MEDIA INFORMATION

Contact: Dennis Sanders 1-800-600-4019
email: dsanders@kappler.com



Frontline[®] 300 from Kappler – Chemical plus FR Protection in a single-exposure garment

The leading innovator in protective apparel, Kappler introduces another first – Frontline[®] 300, which combines chemical and flash-fire protection in a multi-use, single-exposure garment.

This innovative garment is ideal for petrochemical line break situations, and was developed with detailed input from petrochemical Safety Officers. The result is a single-fabric solution for combined chemical/flash-fire protection, with an ensemble garment design that provides excellent versatility. Frontline also provides much improved radiant heat protection – a huge advance over previous technologies.

Incorporating comparable protection to Kappler's Zytron[®] 300 chemical apparel, Frontline 300 provides excellent holdout for the most common hazards found in petrochemical industries. The new Frontline apparel also offers radiant heat protection that is far superior to other so-called chemical/flash garments. This is a tremendous advantage to workers who can be exposed to temperatures reaching 1,900 degrees F (1,038 C) during a chemical flash-fire incident.

From a design standpoint, an ensemble of hood, jacket and bib pants has proven to be the most versatile garment during line break and similar applications. The hood and jacket can be removed when not in the hot zone, thereby allowing ventilation which can reduce heat stress. The Frontline 300 hood includes a large, expanded-view face shield, and the garment is constructed with seams that are sewn and then heat-sealed/taped. As with all Kappler apparel, this ensemble is a multi-use, single exposure garment.

In addition to line break situations, Frontline 300 is also ideal for a wide range of petrochemical applications including tank cleaning and refueling operations.

The fabric and garments have been third-party tested to all appropriate ASTM chemical, flame and thermal resistance standards, including Pyroman Thermal Manikin testing at North Carolina State University. In Pyroman testing, the Frontline three-piece ensemble was proven vastly superior to any other product in this apparel category with less than 1% body burn indicated.

For complete details on Frontline 300 visit www.kappler.com or call 1-800-600-4019.

Located in Guntersville, Alabama, Kappler, Inc. designs and manufactures protective apparel and fabrics for a wide range of global markets and applications.

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