



Innovative Textiles Inc., releases patent pending ANSI certified high visibility Flame and Arc Resistant fabric

ANSI 107-2004 certified Reliant™ HiVz flame resistant fabric serving the protective apparel marketplace.

High Point, NC, (May 2009) – Innovative Textiles Incorporated (ITI) announced the release of its *patent pending* ANSI 107 certified high visibility flame (FR) and arc resistant fabrics serving the protective apparel marketplace.

ITI's HiVz knit fabrics, marketed under its Reliant™ brand meets the FR requirements of ASTM 1506, with an Arc Thermal Protective Value (ATPV) and meets the stringent high visibility standards of ANSI 107-2004.

“Adding the High Visibility line to our Reliant™ fabrics has been pivotal in demonstrating the safety demands of the markets we serve”, said Michael Byles, CEO, Innovative Textiles Inc. Meeting the stringent requirements of ANSI for both the reflective and florescent materials also covers the new safety guidelines of the federal regulation (23 CFR 634), mandating that anyone working in the right-of-way of a federal-aid highway must be wearing high-visibility clothing that meets the requirements of ANSI / ISEA 107; 2004 edition with an arc level class 2 or 3. This requirement will apply to all emergency responders.



Reliant™ fabrics also conform to NFPA 70E, a voluntary standard published by the National Fire Protection Association (NFPA) and establishes thresholds for worker protective apparel based on exposure to arc hazard risk. To meet the comfort demands of the users, Reliant™ fabrics are available in two weights of fabric; an 8.0 osy fabric for lightweight tees and henleys, and a 10.osy napped fleece weight for sweatshirts.

Reliant™ HiVz knits are engineered to combine the protection from electric arc hazards and direct flame with enhanced daylight visibility. Garments made with Reliant HiVz knits are designed with the wearer in mind. The fabric lends to the comfort and hand of the apparel and takes full advantage of the inherent properties of the fiber's flame and arc resistance. The outcome is a garment that has maximum comfort, with no drip-no melt safety standards.

About ITI

Innovative Textiles Inc., is a leader in flame and arc resistant fabrics serving leading manufacturers of protective apparel who service markets such as NFPA Firefighter Station Wear, Electrical Utility, Petro-Chemical and General Industrial. Our internal experience using Modacrylic blended yarns to produce inherently FR fabrics is the most extensive in the FR industry. ITI's principal brands include Reliant™ and EMC™.

