

Arcguard InheraLite™ Fabric

ARCGUARD INHERALITE™ FABRIC

The new Arcguard InheraLite™ range combines the best of the Arcguard Inheratex FR fabric that you already know and love, with high performing LENZING™ FR fabric to create a brand-new hybrid solution in High Risk protection. Joining these two technologies gives you the wearer the best of both worlds; lightweight, year round comfort and peace of mind knowing you will be protected should the worst happen.

InheraLite™ Fabrics

- InheraLite™: 185gsm, 8.8Cal, PPE2

Arcguard InheraLite™ fabric meets the following performance standards: ISO 11612:2015. A1, B1, C1. ISO 14116 Index 3/5H/60, IEC 61482-1-1: 2019, EN 1149-5:2018.

Blended benefits of Arcguard InheraLite™

- Arc rating: 8.8 cal/cm² ATPV HRC2/PPE2
- 185gsm LENZING™ FR Ripstop and Arcguard™ Modacrylic FR blended fibre
- Inherent Fire Retardant, Antistatic and Arc protection guaranteed for the entire life of the garment
- New lightweight and breathable design helps reduce the risk of heat stress and physiological strain on workers
- LENZING™ FR has natural softness and comfort, enhanced breathability, and good moisture management
- Ultra-Flect® Fire Retardant (FR) reflective tape as standard

Benefits of LENZING™ FR Fabric Technology

LENZING™ FR is a sustainably produced inherently flame retardant and resistant fibre based on the renowned Modal fibres production process.

- **Botanic origin:** The cellulosic fibres are made through environmentally responsible processes from sustainably sourced natural raw materials. Wood pulp from the forest is transformed into biobased LENZING™ Modal fibres.
- **Moisture management:** Absorbs and releases moisture therefore better supporting thermal regulation.
- **Enhanced Breathability:** Allows thermoregulation and offers a significant reduction in wearer fatigue and helps to reduce risk of heat stress.
- **Comfort:** LENZING™ Modal fibres exhibit high flexibility, resulting in a naturally soft quality to the textile, enhancing wearer comfort.
- **Better for the environment:** Derived from nature, all LENZING™ standard Modal fibre types have been certified as compostable and biodegradable.
- **Colour retention:** LENZING™ FR fibres retain long-lasting colour vibrancy.