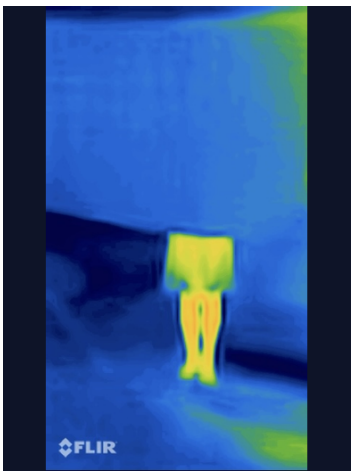
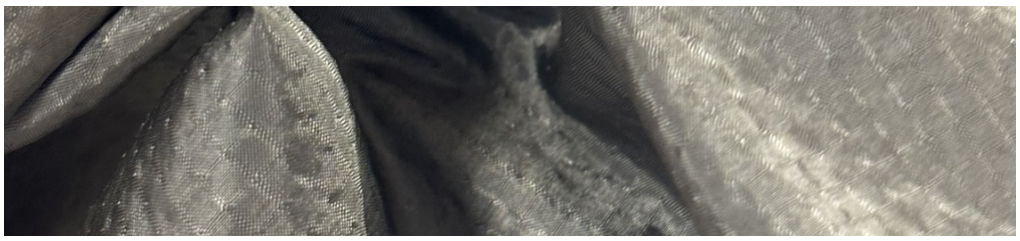
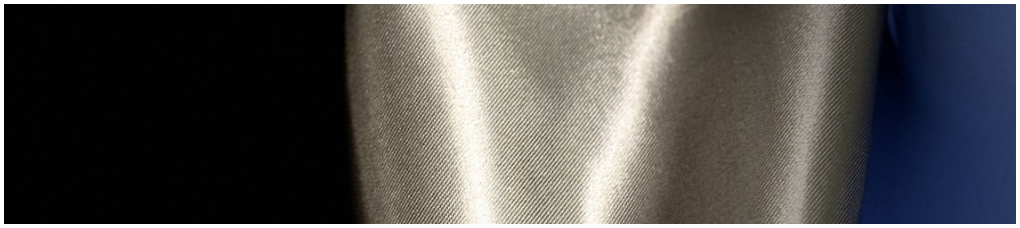
STEALTH TEX IR

WEAR | Infrared Signature Management Wearables







QUALITATIVE FLIR DEMONSTRATION / REAL MATERIAL PHOTOGRAPHS

PRODUCT OVERVIEW

STEALTH TEX IR Wear is a concept for lightweight garments and wearable textile systems incorporating Grafren's infrared-functional fabrics. The functional layer is intended to manage apparent thermal contrast while preserving the flexibility and processability of textile products.

PRELIMINARY THERMAL IMAGING OBSERVATION

In the supplied FLIR image, the person's upper body is covered by the textile while the legs remain exposed. The covered region shows substantially less visible thermal detail than the exposed legs. This is a qualitative demonstration, not a quantified detection-performance measurement.

PRODUCT FEATURES

- Functional nanocoating adds approximately 1 g/m2
- Designed for a separation gap between body and outer textile
- Supports flexible garment design and textile manufacturing
- Suitable for apparel prototypes and OEM integration

TECHNICAL OVERVIEW

Material	STEALTH TEX IR functional fabric
Operating concept	Infrared radiation management
Construction	Flexible garment with an air-gap configuration
Development stage	Ready for contract manufacturing for customers orders

COMMERCIAL APPROACH

Joint development with specialist clothing manufacturers and OEM partners. Controlled infrared, thermal comfort and durability testing is needed before specific performance claims can be made.