



Capability Statement

**“Saving and Protecting Lives
in Hostile Environment through
Innovation”**

Since 1854, BCB has built up knowledge and expertise in developing life-saving equipment for the frontline services. We have been working with the UK Ministry for Defence (MoD) since 1975, as well as many overseas DoD's; exporting 40% of our products.

Our longstanding and loyal workforce have a wealth of experience in engineering, manufacturing, supply chain operations, testing and product development. These skills along with our innovation and passion guarantees consistency, quality and safety. Our close relationship with special forces allow rapid design and prototyping with universities and centers of excellence.

Blast Boxers

The Original P.U.G - these protective under garments (P.U.G) offer protection against blast & fragments from IED's, and help guard against life changing injuries to the perineum and femoral arteries.

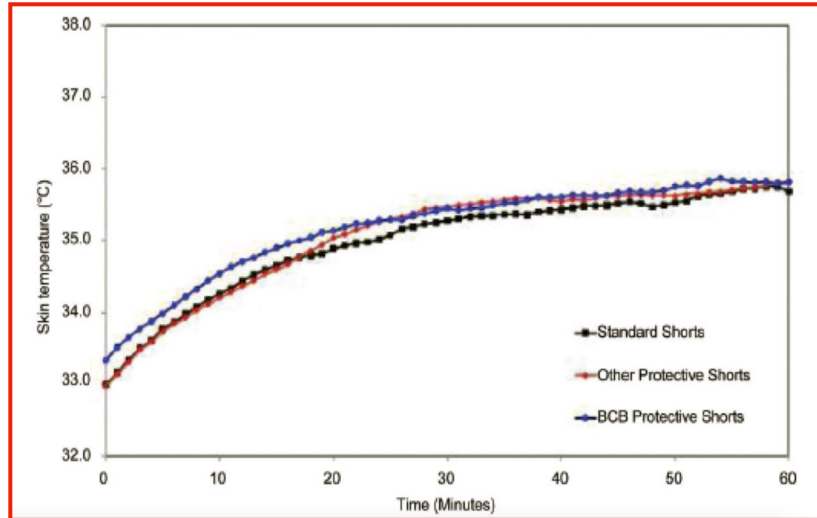
- Special soft aramid.
- Better protection than silk.
- More comfortable than other P.U.G to wear.
- Half the weight of silk P.U.Gs.
- Low thermal burden.
- Much better performance after extensive washing compared to silk P.U.Gs.
- Flat locked seams for low bulk and low friction.
- High wicking fabrics allow sweat to evaporate quickly with minimal drying time.
- High fabric permeability, breathable, just like wearing underwear.
- Can be supplied with or without ballistic inserts.
- Performance maintained after 25 washes at 105 °F.
- Ballistic insert protection V50 17gr FSP=1391.5 ft/s.
- Anti-microbial fabric next to skin. Tested to AATCC 100 with 99% bacteria reduction after laundering in accordance to AATCC 135.
- Sculpted design box brief styling with sculpted genital area, 4" fly opening and overlap of ballistic material at the fly opening.
- The ballistic inserts are soft and highly flexible. They do not interfere with comfort during walking or running.
- Garment fully lined with the soft comfortable fabric to minimize chafing.
- Greater protection- less weight.
- **Berry Amendment** and made in **America Act Compliant**
- **Patented - 8533863**



Protection of Femoral Arteries



Blast Boxer



Company Summary

- 160 years legacy
- 50 years defence supplier
- 90,000 sq.ft factory
- 9 patents
- 200+ NATO Products
- 40% global export
- Experienced Team
- Design → Delivery

Company Data

DUNS: 22-773-7897

CAGE: K5704

NIACS CODES:

- 325193 Ethyl Alcohol manufacturing
- 325199 Chemical manufacturing
- 315280 Cut and sew apparel contractors
- 3251 Basic Chemical manufacturing
- 325510 Paint and coating manufacturing
- 332420 Pressure vessel manufacturing
- 3391 Medical equipment and suppliers manufacturing

Past Performance Successes

- UK MOD
- French MOD
- NATO



Performance Ballistic Protection



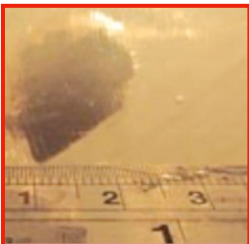
Inner thigh = 910 ft/s [277 m/s] Upper front & back = 910 ft/s [277 m/s] Genital region= 1020 ft/s [311 m/s]

Tested in accordance with MILSTD-662F / V50 2gr RCC

Fully Blast Tested



Fragmentation penetrated only 1 layer



Ballistic gel with large fragment



Result from 15kilo charge - Material still intact



Zero trauma to femoral artery area

QUALITY ASSURED



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