DATA | FIREFIGHTER BALACLAVA BUFF®

GENERAL DESCRIPTION

- Product specially recommended for firefighters that requires high levels of protection in environments with thermal risk, such as flashover, contact heat and radiant heat. Its lightness and breathability offersmoisture management and superior comfort. Certified by the firefighters normative.
- Balaclava composed by 2 layers fabric of of a blend between Aramid Fibres from DuPont™ and Viscose FR® for a superior protection and comfort.
- Offers excellent breathability and humidity control.
- Fast absorption and drying of body moisture.
- Product resistant to fire and antistatic, certified as a firefighter normative for protection EN 13911/04.

CERTIFICATIONS

| Test Standars: | |
|---------------------------------------|------|
| Protective clothing: | |
| According to EN ISO 13688/13 | Pass |
| Protective Clothing for Firefighters: | |
| According to EN 13911/04 | Pass |
| Antistatic: | |
| According to UNE EN 1149-5/08 | Pass |
| | |











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KEY FEATURES









DIMENSIONS



48,3cm

FABRIC COMPOSITION

| Material: | |
|--------------------|-----|
| VISCOSE FR | 51% |
| M-ARAMID NOMEX® | 42% |
| P-ARAMID KEVLAR® | 3% |
| CARBON FIBER P-140 | 2% |
| ELASTANE | 2% |
| | |

PACKAGING





FABRIC TESTS (1 LAYER)

DuPont™ Nomex_®

Properties:

| Mass per unit area: UNE-EN 12127:1998 | 348 g/m² ±5% |
|---|--------------------------------|
| Air permeability: UNE-EN ISO 9237:1996 | 334 mm/s ±10% |
| Thermal Resistance (RCT): ISO 11092: 2015 | 0,0427 m ² K/W ±10% |
| Water Vapour Resistance (RET): ISO 11092: 2015 | 5,88 m²Pa/W ±10% |
| Bursting strength: ISO 13938-2:2000 | 272,2 K Pa ±10% |
| Bursting distension: ISO 13938-1:2000 | 58,2 mm |
| Determination of dimensional change in domestic washing and drying: EN ISO 5077:2008 Washing procedure 4M (Ta=40 $\pm 3^{\circ}$ C) according to ISO 6330:2012 Lengthwise $\leq 3\%$ Crosswise $\leq 3\%$ | |
| Resistance to Pilling (Martindale 2000 cycles): UNE-EN ISO12945-2:2001 Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling". | 3 |
| Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016 Testing pressure: 12kPa Until the first yarn broken | >100.000 |
| Fastness rates: Colour fastness to domestic and commercial laundering EN ISO 105-C06:2010 | 4-5 |
| Colour fastness to perspiration (Alkaline & Acid): UNE-EN ISO 105-E04:2013 | 4-5 |
| Colour fastness to rubbing (Dry & Wet) UNE-EN ISO 105-X12:2016 | 4-5 |
| Colour fastness to sea water UNE-EN ISO 105-E02:2013 | 4-5 |
| (Fastness rates in a scale from 1 to 5 in which 1 is "Poor behaviour" and 5 is "Good behaviour".) | |
| Colour fastness to artificial light UNE-EN ISO 105-B02:2014 Method 2 | 6-7 |

(Fastness to artifical light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excelent".)