DATA | POLAR HAT

GENERAL DESCRIPTION

- Hat made of recycled Primaloft® polar fabric.
- Protects from cold conditions or environments while maintaining body temperature.
- · Ideal for static activities or cold storage rooms.
- · Suitable for wearing under a helmet.
- This CAT I PPE intended to protect the wearer's neck and/or head except the face (depending on the part of the body covered by the PPE) has been manufactured by Original Buff S.A. taking into account the basic health and safety requirements set forth in Annex II of Regulation (EU) 2016/425 and is in compliance with the requirements of standard EN ISO 13688:2013 on Protective Clothing, General Requirements; and Section 3.7 of Annex II of Regulation (EU) 2016/425 on Protection against Cold. The fabric has been tested in accordance with the test procedure set forth in standard UNE EN 14058:2017 on Protective Clothing, Garments for Protection against Cool Environments.

CERTIFICATIONS





KEY FEATURES





DIMENSIONS



FABRIC



PACKAGING



FABRIC COMPOSITION

Composition:
POLYESTER RECYCLED 85%
POLYESTER 15%
Structure:
Weft Knitting

WASHING MAINTENANCE SYMBOLS





FABRIC TESTS

Properties:



Mass per unit area:

UNE-EN 12127:1998 169 g/m² ±5%

Air permeability:

UNE-EN ISO 9237:1996 1013 mm/s ±10%

Thermal Resistance (RCT):

EN ISO 11092: 2014 $0,0846 \text{ m}^2\text{K/W} \pm 10\%$

Water Vapour Resistance (RET):

EN ISO 11092: 2014 7,610 m² Pa/W ±10%

<u>Determination of breaking Strength and elongation:</u>

UNE-EN ISO 13934-1:2013

Average Load (N) Average Elongation (%) Lengthwise $280 \pm 10\%$ Lengthwise $71,5 \pm 10\%$ Crosswise $120 \pm 10\%$ Crosswise $205 \pm 10\%$

Determination of dimensional change in domestic washing and drying: UNE-EN ISO 5077:2008 + ERRATUM:2008

Washing procedure 4N (Ta= $40 \pm 3^{\circ}$ C) according to ISO 6330:2012 Lengthwise $\leq 5\%$ Crosswise $\leq 5\%$

Resistance to pilling (martindale, 2000 cycles):

UNE-EN ISO12945-2:2001 4-5 2000 cycles

Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".

<u>Determination of the abrasion resistance of fabrics:</u>

UNE-EN ISO 12947-2:2016

Testing pressure: 9 kPa >90000 cycles

Until the first yarn broken

<u>Fastness rates:</u>
Colour fastness to domestic and commercial laundering

UNE-EN ISO 105-C06:2010 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 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 4-5

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