

DATA SHEET: POLAR BALACLAVA BUFF®

GENERAL DESCRIPTION

- A balaclava made of Polar Classic 100 Polartec® which provides extra extremely warmth to the entire head. Ideal to practice static tasks in cold conditions.
- Suitable for wearing under the helmet.
- Flat lock seams, to avoid skin irritations.
- Ergonomically designed with a big overture for nose and eyes, stretchy enough to pull it down and uncover the mouth.
- Offers excellent breathability and humidity control.
- 100% Polyester.

KEY FEATURES



MOISTURE
MANAGEMENT



POLAR FLEECE
POLARTEC®

DIMENSIONS

27 cm



46 cm

 **POLARTEC®**
Climate Control Fabrics™

FABRIC COMPOSITION

<u>Material:</u>	
POLYESTER	100%
<u>Structure:</u>	
Weft Knitting	
Single jersey	

PACKAGING



Properties:  **POLARTEC**
Climate Control Fabrics™

Mass per unit area:
UNE-EN 12127:1998 168 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:1996 948,89 mm/s ±10%

Thermal Resistance (RCT):
ISO 11092: 2014 0,0794 m²K/W ±10%

Water Vapour Resistance (RET):
ISO 11092: 2014 7,52 m²Pa/W ±10%

Determination of breaking Strength and elongation:
UNE-EN ISO 13934-1:2013

Average Load (N)		Average Elongation (%)
Lengthwise 310 ±10%		Lengthwise 90 ±10%
Crosswise 130 ±10%		Crosswise 190 ±10%

Determination of dimensional change in domestic washing and drying:

UNE-EN ISO 5077:2008 + ERRATUM:2008
Washing procedure 3M (Ta=40 ±3°C) according to ISO 6330:2012
Lengthwise ≤5 % Crosswise ≤5%

Resistance to pilling (Cara externa) (martindale, 2000 cycles):
UNE-EN ISO12945-2:2001 4-5
Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".

Determination of the abrasion resistance of fabrics:

UNE-EN ISO 12947-2:1999/AC:2006
Testing pressure: 9kPa 57500 cycles
Until the first yarn broken

Fastness rates:

Colour fastness to domestic and commercial laundering
UNE-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-X12:2003 4-5

Colour fastness to sea water
UNE-EN ISO 105-E02:1996 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-B02:2013 method 2 4-5

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