DATA POLAR MULTIFUNCTIONAL HEADWEAR

GENERAL DESCRIPTION

- · Seamless recycled microfiber tubular sewn to a Primaloft® tubular fleece fabric.
- · Ideal for cold or extreme cold environments.
- · Suitable for static activities or cold storage rooms.
- Some designs incorporate two 3M Scotchlite[™] retro-reflective stripes for enhanced visibility in low light conditions.
- 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





*Some Designs **3M Scotchlite** ™ Reflective Material

REPREVE





MOISTURE MULTIFUNCTIONAL MANAGEMENT

DIMENSIONS







FABRIC COMPOSITION

 PRIMALOFT。

Composition:	
POLYESTER RECYCLED	91%
POLYESTER	6%
ELASTANE	3%
Structure:	
Weft Knitting	
Single jersey	

PACKAGING



WASHING MAINTENANCE SYMBOLS \Im

- POLAR

FABRIC TESTS

Properties:



Fabric composition: 85% Polyester recycled - 15% Polyester.

Mass per unit area: UNE-EN 12127:1998	169 g/m² ±5%
<u>Air permeability:</u> UNE-EN ISO 9237:1996	1013 mm/s ±10%
Thermal Resistance (RCT):	
EN ISO 11092: 2014	0,0846 m²K/W ±10%
Water Vapour Resistance (RET): EN ISO 11092: 2014	7,610 m² Pa/W ±10%
Determination of breaking Strength and elongation: UNE-EN ISO 13934-1:2013	
Average Load (N)	Average Elongation (%
Lengthwise 280 ±10% Crosswise 120 ±10%	Lengthwise 71,5 ±10% Crosswise 205 ±10%
Determination of dimensional change in domestic washing and drying: UNE-EN ISO 5077:2008 + ERRATUM:2008 Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012 Lengthwise ≤5 % Crosswise ≤5%	
Resistance to pilling: UNE-EN ISO12945-2:2001 Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".	4/5 - 2.000 cycle:
Determination of the abrasion resistance of fabrics:	
UNE-EN ISO 12947-2:2016 Testing pressure: 9 kPa Until the first yarn broken	>90000 cycle:
Fastness rates:	
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 (Fastness rates in a scale from 1 to 5 in which 1 is "Poor behaviour" and 5 is "Good behaviour".)	Į
Colour fastness to artificial light UNE-EN ISO 105-B02:2014 method 2	4-5

FABRIC TESTS

Properties: MICROFIBER

Fabric composition: 95% RECYCLED POLYESTER 5% ELASTANE

EN 12127:1997	182 g/m² ±5%
Air permeability:	
EN ISO 9237:1995	603,76 mm/s ±10%
Thermal Resistance (RCT):	0.012 m2 1/ /// . 100
EN ISO 11092: 2014	0,013 m ² K/W ±109
<u>Water Vapour Resistance (RET):</u> EN ISO 11092: 2014	2,83 m² Pa/W ±109
Determination of breaking Strength and elongation: EN ISO 13934-1:2013	
Average Load (N)	Average Elongation (%
Lengthwise 210 ±10% Crosswise 230 ±10%	Lengthwise 336 ±10 ⁰ Crosswise 239 ±10 ⁰
G1055WISE 230 ±10 %	GI055WISE 239 ±10
Determination of dimensional change in domestic washing and drying: EN ISO 5077:2008 + ERRATUM:2008	
Washing procedure 4M (Ta=40 \pm 3°C) according to ISO 6330:2012	
Lengthwise $\leq 3\%$ Crosswise $\leq 3\%$	
Resistance to pilling:	
EN ISO 12945-2:2001 Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".	2 - 2.000 cy
Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016	
Testing pressure: 9 kPa	>90.000 cycle
Until the first yarn broken	
Fastness rates:	
Colour fastness to domestic and commercial laundering EN ISO 105-C06:2010	4-
Colour factages to perceivation (Allyoling & Asid).	
Colour fastness to perspiration (Alkaline & Acid): EN ISO 105-E04:2013	4-
Colour fastness to rubbing (Dry & Wet)	
EN ISO 105-X12:2016	4-
Colour fastness to sea water	
EN ISO 105-E02:1996	4-
(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 EN ISO 105-B02:2014	

*Yellow fluor colour has been tested according to UNE-EN ISO 20471:2013 and fulfill the requirement of point 5.