

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



DIMENSIONS



FABRIC



FABRIC COMPOSITION

<u>Composition:</u>	
POLYESTER RECYCLED	91%
POLYESTER	6%
ELASTANE	3%
<u>Structure:</u>	
Weft Knitting	
Single jersey	

PACKAGING



WASHING MAINTENANCE SYMBOLS



FABRIC TESTS

Properties: 

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

<u>Mass per unit area:</u> UNE-EN 12127:1998	169 g/m ² ±5%
<u>Air permeability:</u> UNE-EN ISO 9237:1996	1013 mm/s ±10%
<u>Thermal Resistance (RCT):</u> EN ISO 11092: 2014	0,0846 m ² K/W ±10%
<u>Water Vapour Resistance (RET):</u> EN ISO 11092: 2014	7,610 m ² Pa/W ±10%
<u>Determination of breaking Strength and elongation:</u> UNE-EN ISO 13934-1:2013	
Average Load (N)	Average Elongation (%)
Lengthwise 280 ±10%	Lengthwise 71,5 ±10%
Crosswise 120 ±10%	Crosswise 205 ±10%
<u>Determination of dimensional change in domestic washing and drying:</u> UNE-EN ISO 5077:2008 + ERRATUM:2008	
Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012	
Lengthwise ≤5 %	Crosswise ≤5%
<u>Resistance to pilling:</u> UNE-EN ISO12945-2:2001	4/5 - 2.000 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 (Fastness rates in a scale from 1 to 5 in which 1 is "Poor behaviour" and 5 is "Good behaviour".)	5
Colour fastness to artificial light UNE-EN ISO 105-B02:2014 method 2 (Fastness to artificial light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excelent".)	4-5

FABRIC TESTS

Properties: **MICROFIBER**

Fabric composition: 95% RECYCLED POLYESTER
5% ELASTANE

<u>Mass per unit area:</u> EN 12127:1997	182 g/m ² ±5%
<u>Air permeability:</u> EN ISO 9237:1995	603,76 mm/s ±10%
<u>Thermal Resistance (RCT):</u> EN ISO 11092: 2014	0,013 m ² K/W ±10%
<u>Water Vapour Resistance (RET):</u> EN ISO 11092: 2014	2,83 m ² Pa/W ±10%
<u>Determination of breaking Strength and elongation:</u> EN ISO 13934-1:2013	
Average Load (N)	Average Elongation (%)
Lengthwise 210 ±10%	Lengthwise 336 ±10%
Crosswise 230 ±10%	Crosswise 239 ±10%
<u>Determination of dimensional change in domestic washing and drying:</u> EN ISO 5077:2008 + ERRATUM:2008	
Washing procedure 4M (Ta=40 ±3°C) according to ISO 6330:2012	
Lengthwise ≤ 3%	Crosswise ≤ 3%
<u>Resistance to pilling:</u> EN ISO 12945-2:2001	2 - 2.000 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> EN ISO 12947-2:2016 Testing pressure: 9 kPa	>90.000 cycles
Until the first yarn broken	
<u>Fastness rates:</u>	
Colour fastness to domestic and commercial laundering EN ISO 105-C06:2010	4-5
Colour fastness to perspiration (Alkaline & Acid): EN ISO 105-E04:2013	4-5
Colour fastness to rubbing (Dry & Wet) EN ISO 105-X12:2016	4-5
Colour fastness to sea water 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 EN ISO 105-B02:2014	6
(Fastness to artificial light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excellent".)	
<u>High Visibility</u>	
*Yellow fluor colour has been tested according to UNE-EN ISO 20471:2013 and fulfill the requirement of point 5.	
<u>Ultraviolet Protection:</u> AS / NZS 4399:1996	50+ excellent protection