

## GENERAL DESCRIPTION

- Multifunctional tubular made of recycled microfiber.
- Ideal product for all year round use.
- Protection against cold and variable weather.
- Some designs incorporate two 3M Scotchlite™ retro-reflective stripes for enhanced visibility in low light conditions.
- This Cat I PPE for the protection of the user's neck and/or head except for the face depending on the area covered by the PPE has been manufactured by Original Buff S.A, taking into account the basic health and safety requirements of Regulation (EU) 2016/425 Annex II and is in compliance with the requirements of Standard EN ISO 13688:2013 Protective clothing - General requirements of Annex II of Regulation (EU) 2016/425 on Protection against UV radiation. The fabric testing was carried out in accordance with the test procedure set forth in AS/NZS 4399:2017, with a UV protection level result of 50.

## CERTIFICATIONS



CAT 1  
EN ISO 13688/13



## KEY FEATURES



4 WAY  
STRETCH



RECYCLED POLYESTER  
MICROFIBER

\*Some Designs

3M Scotchlite™  
Reflective Material



DRIES  
QUICKLY



MOISTURE  
MANAGEMENT



MULTIFUNCTIONAL



100%  
SEAMLESS

## DIMENSIONS



## FABRIC COMPOSITION

Composition:	
POLYESTER	95%
ELASTANE	5%
Structure:	
Single jersey	

## PACKAGING



## WASHING MAINTENANCE SYMBOLS



## FABRIC TESTS

### Properties:

Mass per unit area:  
EN 12127:1997 182 g/m<sup>2</sup> ±5%

Air permeability:  
EN ISO 9237:1995 603,76 mm/s ±10%

Thermal Resistance (RCT):  
EN ISO 11092: 2014 0,013 m<sup>2</sup>K/W ±10%

Water Vapour Resistance (RET):  
EN ISO 11092: 2014 2,83 m<sup>2</sup>Pa/W ±10%

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

Average Load (N)	Average Elongation (%)
Lengthwise 210 ±10%	Lengthwise 336 ±10%
Crosswise 230 ±10%	Crosswise 239 ±10%

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

Washing procedure 4M (Ta=40 ±3°C) according to ISO 6330:2012  
Lengthwise ≤ 3% Crosswise ≤ 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 cycles

Determination of the abrasion resistance of fabrics:

EN ISO 12947-2:2016  
Testing pressure: 9kPa 90.000 cycles  
Until the first yarn broken

Fastness rates:

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 method 2 6

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

High Visibility

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

Ultraviolet Protection:

AS / NZS 4399:1996 50 excellent protection