

GENERAL DESCRIPTION

- Cap ultra lightweight, just 30 gr. (1 oz)
- Easy-to-pack cap that retains its shape again and again.
- Pack small to 99 cm³ (Aprox. 1/3 of a soda can).
- 100% Polyurethane flexible visor with shape memory.
- Larger visor to avoid blinding.
- Upper panel made of bi-stretch and ultra light fabric which offers a UPF 50* (98% UV protection).
- Large side panels made of Fastwick Extra Plus fabric that provides optimal breathability.
- Exceptional sweat management thanks to an inside sweat band made of two layers of Fastwick Extra Plus.
- Odor-free thanks to Silver+technology applied on the Fastwick Extra Plus fabric.
- Reflective BUFF® logo on the front (black, silver or yellow depending on the design) and reflective tape on the back to increase visibility in poor light conditions.
- A small adjustable drawstring made of silicone for optimal comfort.
- Ergonomic and comfort fit.

KEY FEATURES



DIMENSIONS



PRODUCT COMPOSITION

Material:	
POLYAMIDE	40%
POLIURETHANE	35%
POLYESTER	20%
ELASTANE	5%

PACKAGING



FABRIC TESTS **FASTWICK EXTRA PLUS**

Properties:

Mass per unit area:
UNE-EN 12127:1998 108 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:1996 2026,04 mm/s ±10%

Thermal Resistance (RCT):
ISO 11092: 2014 0,0111 m²K/W ±10%

Water Vapour Resistance (RET):
ISO 11092: 2014 1,56 m²Pa/W ±10%

Determination of breaking Strength and elongation:

UNE-EN ISO 13934-1:2013

Average Load (N)		Average Elongation (%)
Lengthwise	270 ±10%	Lengthwise 101 ±10%
Crosswise	270 ±10%	Crosswise 169 ±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 ±3 % Crosswise ±3%

Resistance to pilling (martindale, 2000 cycles):

UNE-EN ISO12945-2:2001 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 >37500 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".)

FABRIC TESTS **WONDER LIGHT**

Properties:

<u>Mass per unit area:</u>		
UNE-EN 12127:1998		150,6 g/m ² ±5%
<u>Air permeability:</u>		
UNE-EN ISO 9237:1996		323 mm/s ±10%
<u>Thermal Resistance (RCT):</u>		
ISO 11092: 2015		0,0051 m ² K/W ±10%
<u>Water Vapour Resistance (RET):</u>		
ISO 11092: 2015		2,0655 m ² Pa/W ±10%
<u>Bursting strength:</u>		
ISO 13938-2:2000		216,8 K Pa ±10%
<u>Bursting distension:</u>		
ISO 13938-1:2000		62,9 mm
<u>Determination of dimensional change in domestic washing and drying:</u>		
UNE-EN ISO 5077:2008		
Washing procedure 4M (Ta=40 ±3°C) according to ISO 6330:2012		
Lengthwise	≤ 5%	Crosswise ≤ 5%
<u>Resistance to Pilling (Martindale 7000 cycles):</u>		
UNE-EN ISO12945-2:2001		4-5
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 12947-2:1999/AC:2006		
Testing pressure: 9kPa		>100.000
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		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-B02:2014		7
(Fastness to artificial light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excelent".)		
Determination of the ultra violet factor		
UPF AS/NZS 4399/1996		>50+