DATA SHEET

KNITTED & POLAR HAT

GENERAL DESCRIPTION

- Knitted hat with recyled Primaloft® polar fleece lining.
- Ideal for outdoor jobs in cold while maintaining body temperature.
- Cold coverage with innovative style and knitted looks.

KEY FEATURES

KNITTED & POLAR FLEECE

REFLECTIVE ELEMENTS

*Some designs

DIMENSIONS

FABRIC

PRIMALOFT®

PACKAGING

FABRIC COMPOSITION

Composición:	
ACRYLIC	100%
Estructura:	
Weft Knitted with tucks on the top	

WASHING MAINTENANCE SYMBOLS

FABRIC TESTS

Properties: **KNITTED**

Mass per unit area:
UNE-EN 12127:1998 — 333 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:<1996 — 782,06 mm/s ±10%

Thermal Resistance (RCT):
ISO 11092: 2014 — 0,0716 m²K/W ±10%

Water Vapour Resistance (RET):
ISO 11092: 2014 — 7,8 m²Pa/W ±10%

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

Average Load (N)	Average Elongation (%)
Lengthwise 400 ±10%	Lengthwise 185 ±10%
Crosswise 670 ±10%	Crosswise 138 ±10%

Determination of dimensional change in domestic washing and drying:
UNE-EN ISO 5077:2008+ERRATUM:2008
Washing procedure 4N
(Ta=40 ±3ºC) according to ISO 6330:2012
Lengthwise ≤1,5 % Crosswise ≤-1%

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

Resistance to pilling (Cara interna) (martindale, 2000 cycles):
UNE-EN ISO12945-2:2001 — 4
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 ISO12945-2:2001
Testing pressure: 9kPa — 35.000 cycles
Until the first yam 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-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-B02:2014 method 2 — 4-5

(Fastness to artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excelent”.)

FABRIC TESTS

Properties: PRIMALOFT®

Mass per unit area:
UNE-EN 12127:1998 — 162 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:1996 — 976,95 mm/s ±15,93%

Thermal Resistance (RCT):
ISO 11092: 2014 — 0,0975 m²K/W ±10%

Water Vapour Resistance (RET):
ISO 11092: 2014 — 8,33 m²Pa/W ±10%

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

Average Load (N)		Average Elongation (%)	
Lengthwise	150 ±10%	Lengthwise	57 ±10%
Crosswise	68 ±10%	Crosswise	193 ±10%

Determination of dimensional change in domestic washing and drying:
EN ISO 5077:2008
Washing procedure 4N (Ta=40 ±3ºC) according to ISO 6330:2012
Lengthwise -0,5% Crosswise +0,5%

Resistance to pilling (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:
EN ISO 12947-2:2016
Testing pressure: 9kPa — 36.250 cycles
Until end of lest.

Fastness rates:

Colour fastness to domestic and commercial laundering
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)
EN ISO 105-X12:2016 — 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-B02:2014 method 2 — 4

(Fastness to artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excelent”.)