

POLAR



IDEAL FOR

- Workers who require a good thermal insulation to perform static or low intensity work activities in cold environments (either indoor or outdoor).
- The excellent thermal insulation from PrimaLoft® fabric, helps to keep the worker's body temperature.
- Full coverage with an ergonomic, stretchy design that has a big opening for the eyes and nose.
- Suitable for being used under a helmet.

CERTIFICATIONS



COLD ENVIRONMENTS

COLD PROTECTION IN COLD ENVIRONMENTS			
Part of the fabric that applies	Property	Standard	Performance values
PrimaLoft® fleece	Thermal Resistance/ Insulation (Rct)	EN ISO 11092:2014	Class 1
	Air permeability (AP)	EN ISO 9237:1995	Class 1

*Class 1 of Rct and AP according to the classification requirements of EN 14058:2017:

Rct (m ² K/W)	Class	Class	Air permeability (mm/s)
0,06 ≤ Rct < 0,12	1	1	AP > 100
0,12 ≤ Rct < 0,18	2	2	5 < AP ≤ 100
0,18 ≤ Rct < 0,25	3	3	AP ≤ 5
0,25 ≤ Rct	4		

This garment is specially designed and indicated to protect its wearer against the cold in environments that are not excessively cold and that are characterised by a possible combination of damp and wind at temperatures of -5° C or more.

KEY FEATURES



100% RECYCLED POLYESTER



MOISTURE MANAGEMENT



HELMET COMPATIBLE



COMFORT FIT FACE OPENING



FLEECE

DIMENSIONS



FABRICS COMPOSITION

100% Recycled Polyester.

LEARN MORE



PrimaLoft® Bio™ brings a new approach to sustainability without compromising its industry-leading performance and comfort throughout the life cycle of the garment. This innovation lies within the makeup of the fibers, which led to the creation of the world's first 100% recycled synthetic insulation and fabric designed to return to nature. A revolutionary breakthrough that offers a previously unattainable level of performance and sustainability, drastically reducing the amount of micro plastics in our landfills and oceans.

PACKAGING



WASHING MAINTENANCE SYMBOLS



Mass per unit area: 172 g/m² ± 5 %
EN 12127:1997

Air Permeability 1100 mm/s ± 10 %
EN ISO 9237:1995

Thermal Resistance (RCT): 0,0836 m²K/W ± 10 %
EN ISO 11092:2014

Water Vapour Resistance (RET): 7,30 m²Pa/W ± 10 %
EN ISO 11092:2014

Determination of breaking Strength and elongation:

EN ISO 13934-1:2013

AVERAGE LOAD		AVERAGE ELONGATION	
LENGTHWISE	311 N ± 10 %	LENGTHWISE	68% ± 10 %
CROSSWISE	123 N ± 10 %	CROSSWISE	192% ± 10 %

Bursting resistance (after 5 washes): 110 kPa ± 10 %
EN ISO 13938-1:1999

Determination of dimensional change in domestic washing and drying:

EN ISO 5077:2008

LENGTHWISE < ±3%

CROSSWISE < ±3%

Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012

Resistance to pilling: 3 - 4 2000 CYCLES
ISO 12945-2:2020

Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".

Determination of the abrasion resistance of fabrics: >25000 CYCLES
EN ISO 12947-2:2016 Testing pressure: 9 kPa Until the first yarn broken

Fastness rates:

Colour fastness to domestic and commercial laundering: 4 - 5 *
EN ISO 105-C06:2010

Colour fastness to perspiration (Alkaline & Acid): ALKALINE | 4 - 5 *
EN ISO 105-E04:2013 ACID | 4 - 5 *

Colour fastness to rubbing (Dry & Wet): DRY | 4 - 5 *
EN ISO 105-X12:2016 WET | 4 - 5 *

Colour fastness to sea water: 4 - 5 *
EN ISO 105-E02:2013

Colour fastness to artificial light: 5 - 6**
EN ISO 105-B02:2014 Método 2

* Fastness rates in a scale from 1 to 5 in which 1 is "Poor behaviour" and 5 is "Good behaviour".

** Fastness to artificial light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excelent"