

MERINO WOOL 1 LAYER



IDEAL FOR

- Workers who look for a comfortable and 100% natural accessory made of merino wool.
- Low-medium intensity jobs.
- Cool environments.
- Suitable for being used under a helmet.

CERTIFICATIONS



COOL ENVIRONMENTS

COOL PROTECTION IN COOL ENVIRONMENTS		
Property	Standard	Performance values
Thermal Resistance/Insulation (Rct)	EN ISO 11092:2014	Results between 0.02-0.03 m ² K/W
Air permeability (AP)	EN ISO 9237:1995	Results between 1700-1900 mm/s

Accessory specially designed and indicated for the protection of users against minimal risks from the cold in cool environments, characterised by the possible combination of damp and wind at a temperature equal to or higher than 5 °C and up to 10 °C.

KEY FEATURES

100% MULESING FREE MERINO	ANIMAL WELFARE	NATURALLY ODOR RESISTANT	WARMEST NATURAL FIBER	MOISTURE MANAGEMENT	HELMET COMPATIBLE

DIMENSIONS



FABRICS COMPOSITION

100% Merino Wool.



PACKAGING



WASHING MAINTENANCE SYMBOLS



MERINO WOOL LIGHTWEIGHT

Mass per unit area: 131 g/m² ± 5 %
 EN 12127:1997

Air Permeability: 1518 mm/s ± 10 %
 EN ISO 9237:1995

Thermal Resistance (RCT): 0,0225 m²K/W ± 10 %
 EN ISO 11092:2014

Water Vapour Resistance (RET): 3,04 m²Pa/W ± 10 %
 EN ISO 11092:2014

Determination of breaking Strength and elongation:

EN ISO 13934-1:2013	AVERAGE LOAD		AVERAGE ELONGATION	
	LENGTHWISE	180 N ± 10 %	LENGTHWISE	48% ± 10 %
CROSSWISE	69 N ± 10 %	CROSSWISE	228% ± 10 %	

Bursting resistance (after 5 washes): 87,5 kPa ± 10 %
 EN ISO 13938-1:1999

Determination of dimensional change in domestic washing and drying:

EN ISO 5077:2008 LENGTHWISE < -15% CROSSWISE < ±3%
 Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012

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

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

Determination of the abrasion resistance of fabrics: >11000 CYCLES
 EN ISO 12947-2:2016 Testing pressure: 9 kPa 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	ALKALINE	4 - 5 *
	ACID	4 - 5 *

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

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

Colour fastness to artificial light:
 EN ISO 105-B02:2014 Método 2 7 **

* 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 "Excellent"