

MERINO WOOL THERMAL



IDEAL FOR

- Workers who look for a comfortable and 100% natural accessory made of merino wool.
- Low intensity jobs.
- Cold environments.

CERTIFICATIONS



COOL PROTECTION IN COOL ENVIRONMENTS		
Property	Standard	Performance values
Thermal Resistance/Insulation (Rct)	EN ISO 11092:2014	Results between 0.04-0.05 m ² K/W
Air permeability (AP)	EN ISO 9237:1995	Results between 600-750 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. A "+" sign in the icon indicates a higher protection capacity than other product families.

KEY FEATURES

- 100% MULESING FREE MERINO
- ANIMAL WELFARE
- EXTRA-THICK
- WARMEST NATURAL FIBER
- MOISTURE MANAGEMENT
- NATURALLY ODOR RESISTANT
- MULTIFUNCTIONAL

DIMENSIONS



FABRICS COMPOSITION

100% Merino Wool.



PACKAGING



WASHING MAINTENANCE SYMBOLS



THERMAL WOOL TUBULAR

Mass per unit area: 267 g/m² ± 5 %
EN 12127:1997

Air Permeability 1085 mm/s ± 10 %
EN ISO 9237:1995

Thermal Resistance (RCT): 0,0451 m²K/W ± 10 %
EN ISO 11092:2014

Water Vapour Resistance (RET): 5,39 m²Pa/W ± 10 %
EN ISO 11092:2014

Determination of breaking Strength and elongation:

EN ISO 13934-1:2013

AVERAGE LOAD		AVERAGE ELONGATION	
LENGTHWISE	270 N ± 10 %	LENGTHWISE	74% ± 10 %
CROSSWISE	160 N ± 10 %	CROSSWISE	300% ± 10 %

Bursting resistance (after 5 washes): 142 kPa ± 10 %
EN ISO 13938-1:1999

Determination of dimensional change in domestic washing and drying:

EN ISO 5077:2008

LENGTHWISE < -5%

CROSSWISE < -5%

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

Resistance to pilling: 3 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: > 40000 CYCLES
EN ISO 12947-2:1998 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-X12:2002

DRY	4 - 5 *
WET	2 *

Colour fastness to sea water:
EN ISO 105-E02:1995 4 - 5 *

Colour fastness to artificial light:
EN ISO 105-B02:2014 Método 2 6 - 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 "Excelent"