

DATA SHEET: MERINO WOOL THERMAL BUFF®

GENERAL DESCRIPTION

- Natural fibre neckwarmer, made with thick and soft fabric of 100% pure Merino wool. Multifunctional, very comfortable, versatile and soft neckwarmer.
- Workers who look for a comfortable and 100% natural multifunctional neckwarmer made of merino wool, that needs a high thermal insulation product to practice low-medium intensity jobs in extremely cold weather.
- High natural elasticity and microclimate control.
- Very breathable and flame retardant.
- Maintain body temperature in extremely cold weather.
- Natural odor prevention.
- Eco Friendly, It's been produced with renewable resources following a respectful animal process, minimizing the effect in the ecosystem.



100% Merino Wool

KEY FEATURES



MULTIFUNCTIONAL



MOISTURE
MANAGEMENT



ODOR
RESISTANT



NATURAL FIBER



ECO FRIENDLY

DIMENSIONS

22,5 cm



57 cm

FABRIC COMPOSITION

<u>Material:</u>	
MERINO WOOL	100%
<u>Structure:</u>	
Weft knitted	

PACKAGING



Properties:

Mass per unit area:
UNE-EN 12127:1998 267 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:1996 1085,67 mm/s ±10%

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

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

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

Average Load (N)	Average Elongation (%)
Lengthwise 270 ±10%	Lengthwise 74 ±10%
Crosswise 160 ±10%	Crosswise 300 ±10%

Determination of dimensional change in domestic washing and drying:

UNE-EN ISO 5077:2008 + ERRATUM:2008
Washing procedure 3M (Ta=30 ±3°C) according to ISO 6330:2012
Lengthwise ≤ 7 % Crosswise ≤ 5 %

Resistance to pilling (martindale, 7000 cycles):
UNE-EN ISO12945-2:2001 3-4
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 ISO 12947-2:1999/AC:2006
Testing pressure: 9kPa min. 40.000 cycles
End point when one yarn is 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
UNE-EN ISO 105-X12:2003
- Dry 4-5
- Wet 2

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 6-7

Fastness rates in a scale from 1 to 8 in which 1 is "Poor behaviour" and 8 is "Excellent".