

DATA SHEET: MERINO WOOL BUFF®

GENERAL DESCRIPTION

- Natural fibre and seamless tubular, made of 100% pure Merino wool. Multifunctional, very comfortable, versatile and soft tubular.
- Workers who look for a comfortable and 100% natural multifunctional tubular made of merino wool, for low-medium intensity jobs in moderate cold or cold weather.
- High natural elasticity and microclimate control.
- Very breathable and flame retardant.
- Natural odor prevention.
- Eco Friendly, It's been produced with renewable resources following a respectful animal process, minimizing the effect in the ecosystem.

KEY FEATURES



DIMENSIONS



100% Merino Wool

FABRIC COMPOSITION

<u>Material:</u>	
MERINO WOOL	100%
<u>Structure:</u>	
Single jersey	

PACKAGING



Properties:



Mass per unit area:
UNE-EN 12127:1998 131 g/m² ±5%

Air permeability:
UNE-EN ISO 9237:1996 1518 mm/s ±10%

Thermal Resistance (RCT):
ISO 11092: 2014 0,022 m²K/W ±10%

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

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

Average Load (N)		Average Elongation (%)
Lengthwise 180 ±10%		Lengthwise 48,5 ±10%
Crosswise 69 ±10%		Crosswise 228 ±10%

Determination of dimensional change in domestic washing and drying:
UNE-EN ISO 5077:2008 + ERRATUM:2008

Washing procedure 3M (Ta=40 ±3°C) according to ISO 6330:2012
Lengthwise ≤12 % Crosswise ≤3 %

Resistance to pilling (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 ISO 12947-2:1999/AC:2006
Testing pressure: 9kPa 11000 cycles
Until the first yarn 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-EN ISO 105-X12:2003 4

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 method 2 7

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