

DATA SHEET: POLAR NECKWARMER BUFF®

GENERAL DESCRIPTION

- Multifunctional neckwarmer made of Classic 100 Polartec® fleece fabric.
- A versatile product to protect the user against the affects of cold environments to help maintain body temperature. Ideal for tasks in cold rooms and cold weather environments.
- Product certified according to the EN ISO 13688/13 and UNE-EN 14058/04 standard, which classifies it as a PPE Thermal Resistance Class 1 product (UNE-EN 31092:1996/ A1:2013) and also as belonging to Air Permeability Class 1 (UNE-EN ISO 9237:1996).

CERTIFICATIONS



KEY FEATURES



DIMENSIONS



FABRIC COMPOSITION

<u>Material:</u>	
POLYESTER	100%
<u>Structure:</u>	
Weft Knitting	

PACKAGING



Properties:  POLARTEC®
Climate Control Fabrics™

<u>Mass per unit area:</u>		
UNE-EN 12127:1998		168 g/m ² ±5%
<u>Air permeability:</u>		
UNE-EN ISO 9237:1996		948,89 mm/s ±10%
<u>Thermal Resistance (RCT):</u>		
ISO 11092: 2014		0,0794 m ² K/W ±10%
<u>Water Vapour Resistance (RET):</u>		
ISO 11092: 2014		7,52 m ² Pa/W ±10%
<u>Determination of breaking Strength and elongation:</u>		
UNE-EN ISO 13934-1:2013		
Average Load (N)		Average Elongation (%)
Lengthwise 310 ±10%		Lengthwise 90 ±10%
Crosswise 130 ±10%		Crosswise 190 ±10%
<u>Determination of dimensional change in domestic washing and drying:</u>		
UNE-EN ISO 5077:2008 + ERRATUM:2008		
Washing procedure 3M (Ta=40 ±3°C) according to ISO 6330:2012		
Lengthwise ≤5 %	Crosswise	≤5%
<u>Resistance to pilling (martindale, 2000 cycles):</u>		
UNE-EN ISO12945-2:2001		4-5
Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".		
<u>Determination of the abrasion resistance of fabrics:</u>		
UNE-EN ISO 12947-2:1999/AC:2006		
Testing pressure: 9kPa		57500 cycles
Until the first yarn broken		
<u>Fastness rates:</u>		
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		4-5
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		4-5
(Fastness to artificial light rates in a scale from 1 to 8 in which 1 is "Very poor" and 8 is "Excelent".)		