

ECOSTRETCH



IDEAL FOR

- Workers who perform either low or high intensity activities in cool environments.
- Double-layered reversible hat 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 0.02-0.04 m ² K/W
Air permeability (AP)	EN ISO 9237:1995	Results between 300-400 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



4-WAY
ULTRA STRETCH



95% RECYCLED
POLYESTER



MOISTURE
MANAGEMENT



HELMET
COMPATIBLE

REPREVE



DOUBLE
LAYER

DIMENSIONS



FABRICS COMPOSITION

95% Recycled Polyester.
5% Elastane.

PACKAGING



WASHING MAINTENANCE SYMBOLS



ECOSTRETCH HAT (TESTS PERFORMED ON 1 LAYER OF FABRIC)

Mass per unit area: EN 12127:1997	182 g/m ²	± 5 %												
Air permeability: EN ISO 9237:1995	380 mm/s	± 10 %												
Thermal Resistance (RCT): EN ISO 11092:2014	0,013 m ² K/W	± 10 %												
Water Vapour Resistance (RET): EN ISO 11092:2014	2,83 m ² Pa/W	± 10 %												
Determination of breaking Strength and elongation: EN ISO 13934-1:2013	<table border="1"> <thead> <tr> <th colspan="2">AVERAGE LOAD</th> <th colspan="2">AVERAGE ELONGATION</th> </tr> </thead> <tbody> <tr> <td>LENGTHWISE</td> <td>210 N ± 10 %</td> <td>LENGTHWISE</td> <td>336% ± 10 %</td> </tr> <tr> <td>CROSSWISE</td> <td>230 N ± 10 %</td> <td>CROSSWISE</td> <td>239% ± 10 %</td> </tr> </tbody> </table>		AVERAGE LOAD		AVERAGE ELONGATION		LENGTHWISE	210 N ± 10 %	LENGTHWISE	336% ± 10 %	CROSSWISE	230 N ± 10 %	CROSSWISE	239% ± 10 %
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Bursting resistance (after 5 washes): EN ISO 13938-1:1999	122 kPa	± 10 %												
Determination of dimensional change in domestic washing and drying: EN ISO 5077:2008	LENGTHWISE < ±3%	CROSSWISE < ±3%												
	Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012													
Resistance to pilling: ISO 12945-2:2001	2	2000 CYCLES												
	Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling".													
Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016	Testing pressure: 9 kPa	>90.000 CYCLES Until the first yarn broken												
Fastness rates:														
Colour fastness to domestic and commercial laundering: EN ISO 105-C06:2010	4 *													
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 - 5 *												
Colour fastness to sea water: EN ISO 105-E02:2013	4 - 5 *													
Colour fastness to artificial light: EN ISO 105-B02:2014 Method 2	6**													
Ultraviolet Protection: AS/NZS 4399:2017	50+ Excellent protection													

* 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"