

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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| LENGTHWISE | 210 N ± 10 % | LENGTHWISE | 336% ± 10 % | | | | | | | | | | | |
| CROSSWISE | 230 N ± 10 % | CROSSWISE | 239% ± 10 % | | | | | | | | | | | |
| 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"