

# COOLNET UV®



## IDEAL FOR

- Protection from UV rays while doing high intensity outdoor jobs in warm and hot weather conditions.
- With HeiQ Smart Temp cooling technology for a better comfort and reduction of heat exhaustion, fatigue and heat stroke risks.
- Some designs incorporate two 3M Scotchlite™ retro-reflective stripes.

## CERTIFICATIONS



SUN PROTECTION



VISIBILITY

ONLY APPLIES TO FLUOR AND/OR REFLECTIVE DESIGNS.

| SKIN PROTECTION AGAINST NATURAL ULTRAVIOLET RADIATION |                  |                   |                     |                        |                               |
|---|------------------|-------------------|---------------------|------------------------|-------------------------------|
| Property  | Standard         | Performance value | Protection category | % UV radiation blocked | Effective UVR penetration (%) |
| UPF   | AS/NZS 4399:2017 | 50 UPF            | Excellent           | 98 %                   | ≤ 2.0                         |

### PROTECTIVE PROPERTIES AGAINST MINIMAL RISKS DUE TO LOW VISIBILITY.

This garment alone does not protect against this risk, as it does not reach a minimum surface for the user to be seen, but it helps increase visibility as long as the user also wears suitable protective clothing against this risk.

## KEY FEATURES

4-WAY  
ULTRA STRETCH

95% RECYCLED  
POLYESTER

QUICK  
DRY

MULTIFUNCTIONAL

MOISTURE  
MANAGEMENT

COOLING  
EFFECT

POLYGIENE  
(antibacterial growth)

SEAMLESS

UPF  
50

ULTRALIGHT

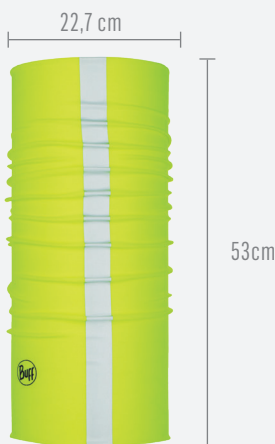
ODOR  
RESISTANT

REPREVE

3M Scotchlite™  
Reflective Material  
\*some designs

HEIQ  
SMART TEMP

## DIMENSIONS



## FABRICS COMPOSITION

95% Recycled Polyester.  
5% Elastane.

COOLNET UV®

## PACKAGING



## WASHING MAINTENANCE SYMBOLS



\*Only applies to garments with retroreflective strap  
Wash inside out

**COOLNET**

|   |                      |       |
|---|----------------------|-------|
| <b>Mass per unit area:</b><br>EN 12127:1997 | 154 g/m <sup>2</sup> | ± 5 % |
|---|----------------------|-------|

|   |             |        |
|---|-------------|--------|
| <b>Air Permeability</b><br>EN ISO 9237:1995 | 507,31 mm/s | ± 10 % |
|---|-------------|--------|

|   |                           |        |
|---|---------------------------|--------|
| <b>Thermal Resistance (RCT):</b><br>EN ISO 11092:2014 | 0,0205 m <sup>2</sup> K/W | ± 10 % |
|---|---------------------------|--------|

|  |                          |        |
|--|--------------------------|--------|
| <b>Water Vapour Resistance (RET):</b><br>EN ISO 11092:2014 | 2,28 m <sup>2</sup> Pa/W | ± 10 % |
|--|--------------------------|--------|

|  |              |              |                    |             |
|--|--------------|--------------|--------------------|-------------|
| <b>Determination of breaking Strength and elongation:</b><br>EN ISO 13934-1:2013 | AVERAGE LOAD |              | AVERAGE ELONGATION |             |
|  | LENGTHWISE   | 290 N ± 10 % | LENGTHWISE         | 195% ± 10 % |
|  | CROSSWISE    | 170 N ± 10 % | CROSSWISE          | 395% ± 10 % |

|   |         |        |
|---|---------|--------|
| <b>Bursting resistance (after 5 washes):</b><br>EN ISO 13938-1:1999 | 131 kPa | ± 10 % |
|---|---------|--------|

|  |  |                 |
|--|--|-----------------|
| <b>Determination of dimensional change in domestic washing and drying:</b><br>EN ISO 5077:2008 | LENGTHWISE < ±3%   | CROSSWISE < ±3% |
|  | Washing procedure 4N (Ta=40 ±3°C) according to ISO 6330:2012 |                 |

|   |  |             |
|---|--|-------------|
| <b>Resistance to pilling:</b><br>ISO 12945-2:2001 | 2 - 3  | 2000 CYCLES |
|   | Scale from 1 to 5 in which 1 is "Very severe pilling" and 5 is "No pilling". |             |

|  |                         |   |
|--|-------------------------|---|
| <b>Determination of the abrasion resistance of fabrics:</b><br>EN ISO 12947-2:2016 | Testing pressure: 9 kPa | >100000 CYCLES<br>Until the first yarn broken |
|--|-------------------------|---|

|   |   |          |         |      |         |
|---|---|----------|---------|------|---------|
| <b>Fastness rates:</b>  |   |          |         |      |         |
| Colour fastness to domestic and commercial laundering:<br>EN ISO 105-C06:2010 | 3 - 4 *   |          |         |      |         |
| Colour fastness to perspiration (Alkaline & Acid):<br>EN ISO 105-E04:2013     | <table border="1"> <tr> <td>ALKALINE</td> <td>4 - 5 *</td> </tr> <tr> <td>ACID</td> <td>4 - 5 *</td> </tr> </table> | ALKALINE | 4 - 5 * | ACID | 4 - 5 * |
| ALKALINE  | 4 - 5 *   |          |         |      |         |
| ACID  | 4 - 5 *   |          |         |      |         |
| Colour fastness to rubbing (Dry & Wet):<br>EN ISO 105-X12:2016                | <table border="1"> <tr> <td>DRY</td> <td>4 - 5 *</td> </tr> <tr> <td>WET</td> <td>4 - 5 *</td> </tr> </table>       | DRY      | 4 - 5 * | WET  | 4 - 5 * |
| DRY   | 4 - 5 *   |          |         |      |         |
| WET   | 4 - 5 *   |          |         |      |         |
| Colour fastness to sea water:<br>EN ISO 105-E02:2013                          | 4 - 5 *   |          |         |      |         |
| Colour fastness to artificial light:<br>EN ISO 105-B02:2014 Método 2          | 4**   |          |         |      |         |

\* 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"

|                            |                        |            |            |                  |
|----------------------------|------------------------|------------|------------|------------------|
| <b>Enhanced Visibility</b> | CHROMACITY COORDINATES |            |            | LUMINANCE FACTOR |
|                            | YELLOW FLUOR           | x = 0,3776 | y = 0,5307 | β = 0,7851       |
|                            | ORANGE FLUOR           | x = 0,5912 | y = 0,3706 | β = 0,3724       |

|  |                             |
|--|-----------------------------|
| <b>Ultraviolet Protection:</b><br>AS/NZS 4399:2017 | 50+<br>Excellent protection |
|--|-----------------------------|

|  |          |
|--|----------|
| <b>Retroreflective material (only applies to Scotchlite® retroreflective strap):</b><br>CIE 54.2 | COMPLIES |
|--|----------|

Tests used to determine **PROTECTIVE PROPERTIES AGAINST MINIMAL RISKS DUE TO LOW VISIBILITY** (only for Fluor and/or Reflective materials)