

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



CAT I
EN ISO 13688/13



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



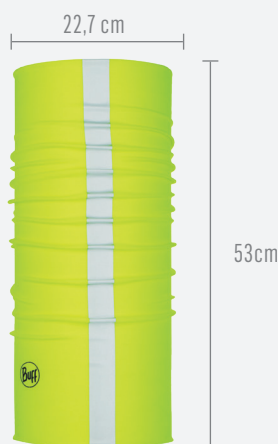
ODOR
RESISTANT

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

Mass per unit area: EN 12127:1997	154 g/m ²	± 5 %
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Air Permeability EN ISO 9237:1995	507,31 mm/s	± 10 %
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Thermal Resistance (RCT): EN ISO 11092:2014	0,0205 m ² K/W	± 10 %
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Water Vapour Resistance (RET): EN ISO 11092:2014	2,28 m ² Pa/W	± 10 %
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Determination of breaking Strength and elongation:

EN ISO 13934-1:2013

AVERAGE LOAD		AVERAGE ELONGATION	
LENGTHWISE	290 N ± 10 %	LENGTHWISE	195% ± 10 %
CROSSWISE	170 N ± 10 %	CROSSWISE	395% ± 10 %

Bursting resistance (after 5 washes): EN ISO 13938-1:1999	131 kPa	± 10 %
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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 - 3	2000 CYCLES
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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

>100000 CYCLES

Until the first yarn broken

Fastness rates:

Colour fastness to domestic and commercial laundering:

EN ISO 105-C06:2010

3 - 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 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"

Enhanced Visibility

CIE 15

YELLOW FLUOR

CHROMACITY
COORDINATES

x = 0,3776

y = 0,5307

LUMINANCE
FACTOR

β = 0,7851

ORANGE FLUOR

x = 0,5912

y = 0,3706

β = 0,3724

Ultraviolet Protection:

AS/NZS 4399:2017

50+

Excellent protection

Retroreflective material (only applies to Scotchlite® retroreflective strap):

CIE 54.2

COMPLIES

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