COOLNET UV®

BUFF SAFETY

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

CE CAT I
EN ISO 13688/13

UPF 50
SUN PROTECTION

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

VISIBILITY
ONLY APPLIES TO FLUOR AND/OR REFLECTIVE DESIGNS.

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

ULTRA STRETCH
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

FABRIC TEST:

COOLNET

Mass per unit area: EN 12127:1997	150 g/m^2	± 5 %
Air Permeability EN ISO 9237:1995	330 mm/s	± 10 %
Thermal Resistance (RCT): EN ISO 11092:2014	0,0129 m^{2}K/W	± 10 %
Water Vapour Resistance (RET): EN ISO 11092:2014	2,5 m^{2}Pa/W	± 10 %

Determination of breaking Strength and elongation: EN ISO 13934-1:2013

	AVERAGE LOAD		AVERAGE ELONGATION
LENGTHWISE	280 N ± 10 %	LENGTHWISE	195% ± 10 %
CROSSWISE	170 N ± 10 %	CROSSWISE	230% ± 10 %

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

Determination of dimensional change in domestic washing and drying: EN ISO 5077:2008

LENGTHWISE < ±3% CROSSWISE < ±3%

Washing procedure 4N (Ta=40 ±3ºC) 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	>50000 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 artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excellent”

Enhanced Visibility

CIE 15

	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

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)