ORIGINAL ECOSTRETCH

IDEAL FOR

· Outdoor workers exposed to cool environments and variable weather conditions.
· Protection against UV rays.
· Some designs incorporate two 3M Scotchlite™ retro-reflective stripes.

CERTIFICATIONS

CE CAT I
EN ISO 13688/13

COOL ENVIRONMENTS

COOL PROTECTION IN COOL ENVIRONMENTS		
Property	Standard	Performance values
Thermal Resistance/ Insulation (Rct)	EN ISO 11092:2014	Results between 0.01-0.02 m² 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.

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

4-WAY ULTRA STRETCH
95% RECYCLED POLYESTER
QUICK DRY
MULTIFUNCTIONAL
MOISTURE MANAGEMENT
SEAMLESS
UPF 50
3M Scotchlite™ Reflective Material *some designs
REPREVE

DIMENSIONS



FABRICS COMPOSITION

95% Recycled Polyester.
5% Elastane.

PACKAGING



WASHING MAINTENANCE SYMBOLS





*Only applies to garments with retroreflective strap
Wash inside out

FABRIC TEST:
ORIGINAL ECOSTRETCH

BUFF SAFETY

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

	AVERAGE LOAD		AVERAGE ELONGATION
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 ±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	>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**	

* 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 = 0,3853	y = 0,5411	β = 0,7597
ORANGE FLUOR	x = 0,5901	y = 0,3647	β = 0,2939

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)