

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



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

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 ±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		>90.000 CYCLES	
	Testing pressure: 9 kPa	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		CHROMACITY COORDINATES	
CIE 15	YELLOW FLUOR	x = 0,3853	y = 0,5411
	ORANGE FLUOR	x = 0,5901	y = 0,3647
		LUMINANCE FACTOR	
			β = 0,7597
			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)