

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



SUN
PROTECTION



VISIBILITY*

ONLY APPLIES TO FLUOR AND/
OR REFLECTIVE DESIGNS.

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.

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



SEAMLESS

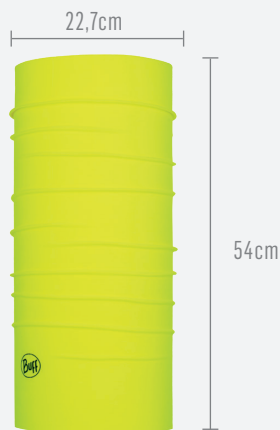


UPF
50

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: 170 g/m² ± 7 %
EN 12127:1997

Air permeability: 250 mm/s ± 10 %
EN ISO 9237:1995

Thermal Resistance (RCT): 0,014 m²K/W ± 10 %
EN ISO 11092:2014

Water Vapour Resistance (RET): 2,55 m²Pa/W ± 10 %
EN ISO 11092:2014

Determination of breaking Strength and elongation:

EN ISO 13934-1:2013

AVERAGE LOAD		AVERAGE ELONGATION	
LENGTHWISE	240 N ± 10 %	LENGTHWISE	160% ± 10 %
CROSSWISE	160 N ± 10 %	CROSSWISE	227% ± 10 %

Bursting resistance (after 5 washes): 122 kPa ± 10 %
EN ISO 13938-1:1999

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: 2 2000 CYCLES
ISO 12945-2:2001

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

>70.000 CICLOS

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 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

x = 0,3853

y = 0,5411

CHROMACITY
COORDINATES

LUMINANCE
FACTOR

ORANGE FLUOR

x = 0,5901

y = 0,3647

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)