

TECASAFE®
Ecogreen



PROVEN COMFORT IN ANY SITUATION



TECASAFE® ECOGREEN
XL 9240 – 240 g/m²

FIRST ECO-FRIENDLY INHERENT FR FABRIC WITH CLOSE TO 50% SUSTAINABLE MATERIALS

Lowers your footprint without compromising on the best inherent FR performance. Featuring sustainably-sourced eco-friendly TENCEL™ Lyocell.

GUARANTEED COMFORT IN ANY SITUATION

Provides superior moisture management, keeping you comfortable, cool and dry at all times thanks to advanced breathability.

ADVANCED FLASH FIRE & CHEMICAL SPLASHES PROTECTION

Offers superior protection against severe body burns caused by the exposure to flash fires or electric arcs. Provides shielding against projections of chemical splashes.



TECHNICAL DATA	TECASAFE® ECOGREEN	TEST METHOD
Quality	XL 9240	
Width	152 cm (+2/-1 cm)	ISO 3801: 1978
Weight	240 g/m ² (± 5%)	ISO 3932: 1980
Composition	Modacrylic/TENCEL™ Lyocell/ para-aramid/Static-Control™	
Construction	2/1 twill	
Available finishes	Standard: Hydro-Tec. Optional: Comfort	
Physical performance		
Tensile strength	900 N x 650 N (±10%)**	ISO 13934-1: 1999
Care labelling		
Domestic laundering		
Industrial laundering	75 °C Colour: White:	
PPE requirements*		

* Copyright symbols: NEN, Delft (Netherlands) ** Hydro-Tec finish only

CERTIFICATION		
	Industrial flame & heat hazards	EN ISO 11612 A1,A2,B1,C1,E2,F1: 2015 (A1 + A2= 100 x ISO 15797 - 75 °C)
	Short-duration thermal exposures from fire	NFPA 2112: 2018
	Wildland fire fighting	EN 15614: 2007
	Welding	EN ISO 11611, class 1: 2015***
	Electric Arc	<i>Single Layer:</i> EN IEC 61482-1-2, class 1; 2015 HRC/Category 2 (8 ≤ ATPV ≤ 25 cal/cm ²) <i>System:</i> XL9200 + XL9240 EN IEC 61482-1-2; 2015 class 2 (7kA)
	Anti-Static for explosion risk	EN 1149-5: 2018, EN 1149-3: 2004
	Liquid chemicals**	EN 13034: 2005 + A1: 2009
	High Visibility colour: Yellow Contrast colours are available	EN ISO 20471: 2013
	General requirements***	EN ISO 13688: 2013
	Öko-Tex Standard 100, class 2	Centexbel, no. 0903009

** Hydro-Tec finish only *** Although this fabric full-fills the requirements of EN ISO 11611, fabrics out of the Tecasafe® Ecogreen collection are more suitable for welding applications **** Tested on specific colours

COLOURS

Twilight 89250	Black velvet 89254	Moonmist 89253	Intense blue 89350	Delftblue 89249	Ribbon red 89252	Sunrise Orange 89305
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Yellow
(EN 20471)
89251

Ten Cate Protect B.V. is
certified according:

This fabric is an
UL certified product:



All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics Europe declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.