TENCATE

Tecasafe® Plus

INDUSTRIAL SAFETY

The TenCate Tecasafe® Plus collection is a range of inherently heat- and flame-resistant fabrics.

XL 9240 with Hydro-Control™ – 270 g/m²

TENCATE PATENTED

New laminated FR-fabric for comfortable and waterproof outdoor clothing.

This TenCate Tecasafe® Plus fabric with Hydro-Control™ provides excellent protection against wind and rain, with unbeatable moisture regulating properties. This new development is based on the patented blend of TenCate Tecasafe® Plus.

Excellent foul weather protection – The Hydro-Control™ laminate offers excellent waterproofness with a remarkably low water vapour resistance. This enhances sweat evaporation which contributes to greater comfort. (complies with EN 343: 2003 + A1: 2007).
Soft and supple – Without compromising on protection, ensuring maximum wearability.
Excellent protection against electric arc – Tests demonstrate that TenCate Tecasafe® Plus fabrics offer the best inherent FR protection against severe burns from industrial heat and flame hazards.
Cooler, dryer and more comfortable – Provides superior breathability, with unbeatable moisture regulating properties.
Anti-static is built in – Protecting against the risk of an explosion. The fabric continuously discharges to the ambient air, thanks to the TenCate Static-Control™ fibre that is 'gridlocked' into it.
Strong and pilling resistant – Better than many other protective fabrics, retains its strength and colour even after extensive washing.
Cost-effective – Long life-cycle and attractive pricing.
High-visibility – The option of inherent FR and high-visibility yellow in a single fabric.
Environmental friendly – TenCate Tecasafe® Plus fabrics use inherent bio-cellulosic fibres, resulting in less waste in the production process compared to cotton or viscose.

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Technical data	TenCate Tecasafe® Plus	Test method
Quality	**XL 9240 with Hydro-Control™**	
Width	150 cm (+2/-1 cm)	ISO 3801: 1978
Weight	270 g/m² (± 5%)	ISO 3932: 1980
Composition	51/43/5/1% PPAN-fr/lyocell/para-aramid/ Static-Control™ + PU-film	
Construction	2/1 twill	
Available finishes	Hydro-Control™	
Tensile strength	900 N x 650 N (±10%)	ISO 13934-1: 1999
Domestic laundering	60	
PPE requirements*	optional:	
Certification		
	Foul Weather	EN 343: 2003 + A1: 2007
	Industrial flame & heat hazards	EN ISO 11612 A1,A2,B1,C1: 2008 NFPA 2112: 2012
	Welding	EN ISO 11611, class 1: 2007 **
	Electric Arc	EN IEC 61482-1-2, class 1: 2007
	Anti-Static for explosion risk	EN 1149-5: 2008, EN 1149-3: 2004
	Liquid chemicals	EN 13034, type 6: 2005
	High Visibility colour: Yellow Contrast colours: Twilight 89250	EN 20471: 2013
	General requirements***	EN 340: 2003
	Öko-Tex Standard 100, class 2	Centexbel, no. 0903009

* Copyright symbols: NEN, Delft (Netherlands)
** Although this fabric fullfills the requirements of EN ISO 11611, fabrics out of the TenCate Tecapro® collection are more suitable for welding applications
*** Tested on specific colours

Standard colours

Twilight 89250

Delftblue 89249

Moonmist 89253

Ribbon red 89252

HV Yellow (EN 20471) 89251

The colours above are standard colours and available with a minimum order length of 100 metres. Colours shown are references only.

Optional colours

TenCate, the world's textile dyeing expert, can produce TenCate Tecasafe® Plus fabrics in almost any colour. Minimum order 1400m; larger orders in multiples of 1400m. Other lengths possible at additional charge. For more information about colour-combination requirements, as well as any other information you may need, please contact TenCate.

MADE IN EUROPE TENCATE

Member of the E.T.S.A.

TENCATE PATENTED

ISO 9001 ISO 14001 BUREAU VERITAS Certification

CONFIDENCE IN TEXTILES Tested for harmful substances according to Oeko-Tex Standard 100 No 0903009 Centexbel

TenCate Protective Fabrics

TenCate is the world's No. 1 producer of protective fabrics for the manufacturing of safety wear. We supply garment-makers with an extensive range of top-quality and technologically advanced fabrics.

Our fabrics become lifesaving garments for firefighters, industrial workers, military personnel and other professionals working under hazardous conditions in danger zones around the world.

We work closely with our customers, end-users, fibre and chemical manufacturers and independent laboratories. As a result, TenCate Protective Fabrics is the one source the world looks to for leadership in knowledge of materials, consistent product quality, and a proven commitment to service excellence.

TenCate is a trademark of Royal Ten Cate nv. Tecasafe is a trademark of Ten Cate Protect bv.
Ten Cate Protect bv is a subsidiary of Royal Ten Cate nv.

TENCATE
materials that make a difference

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